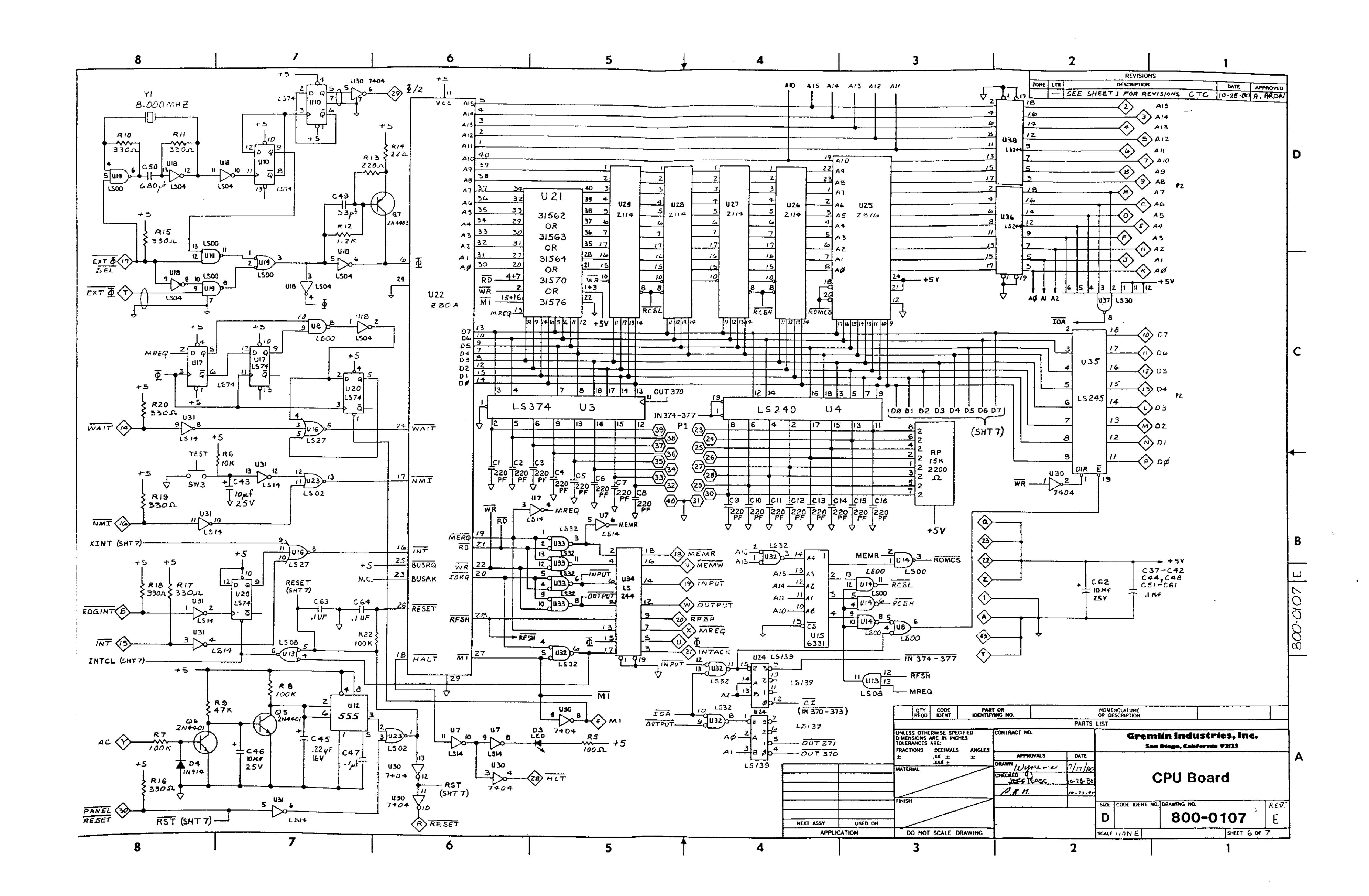
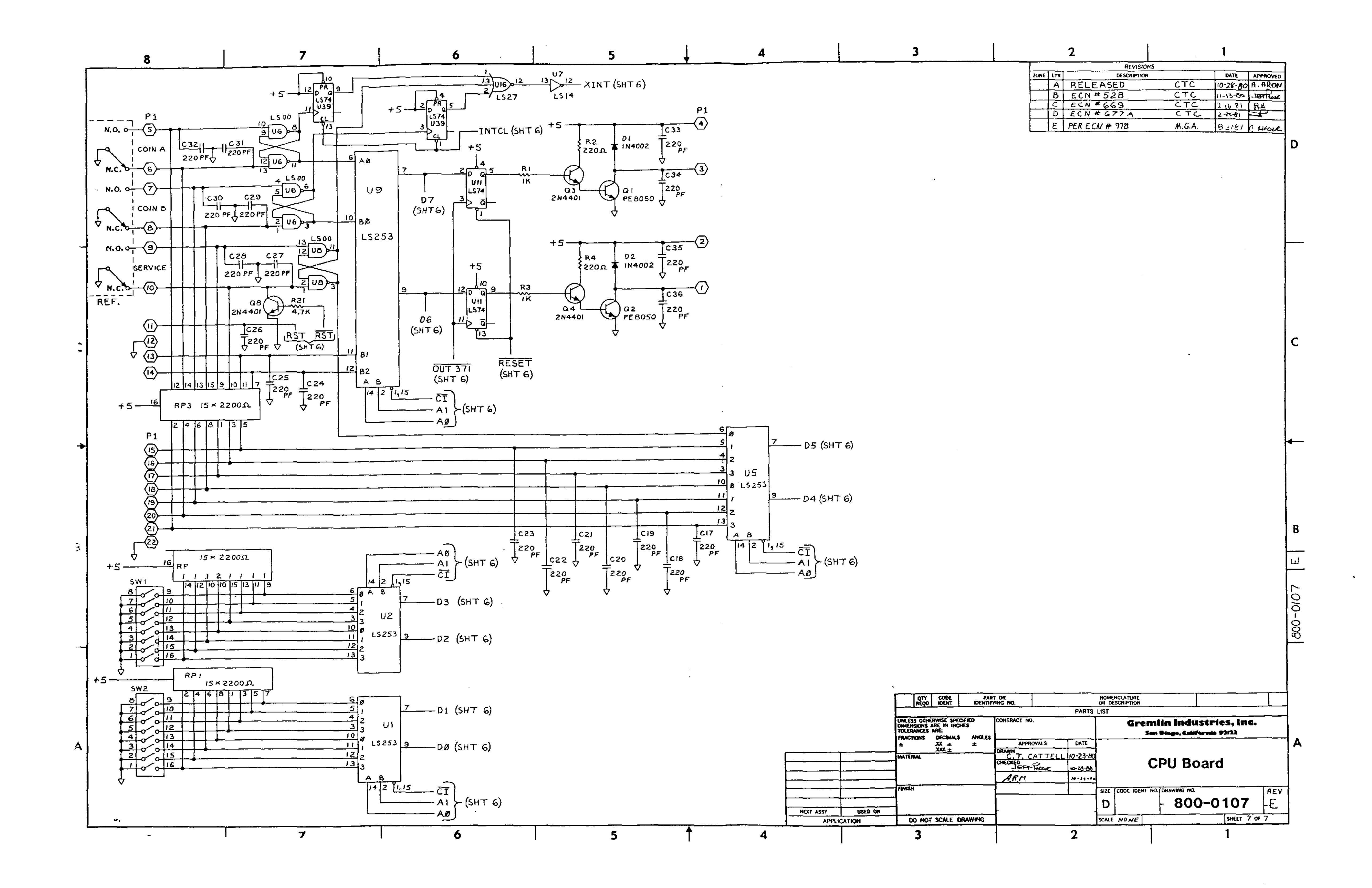
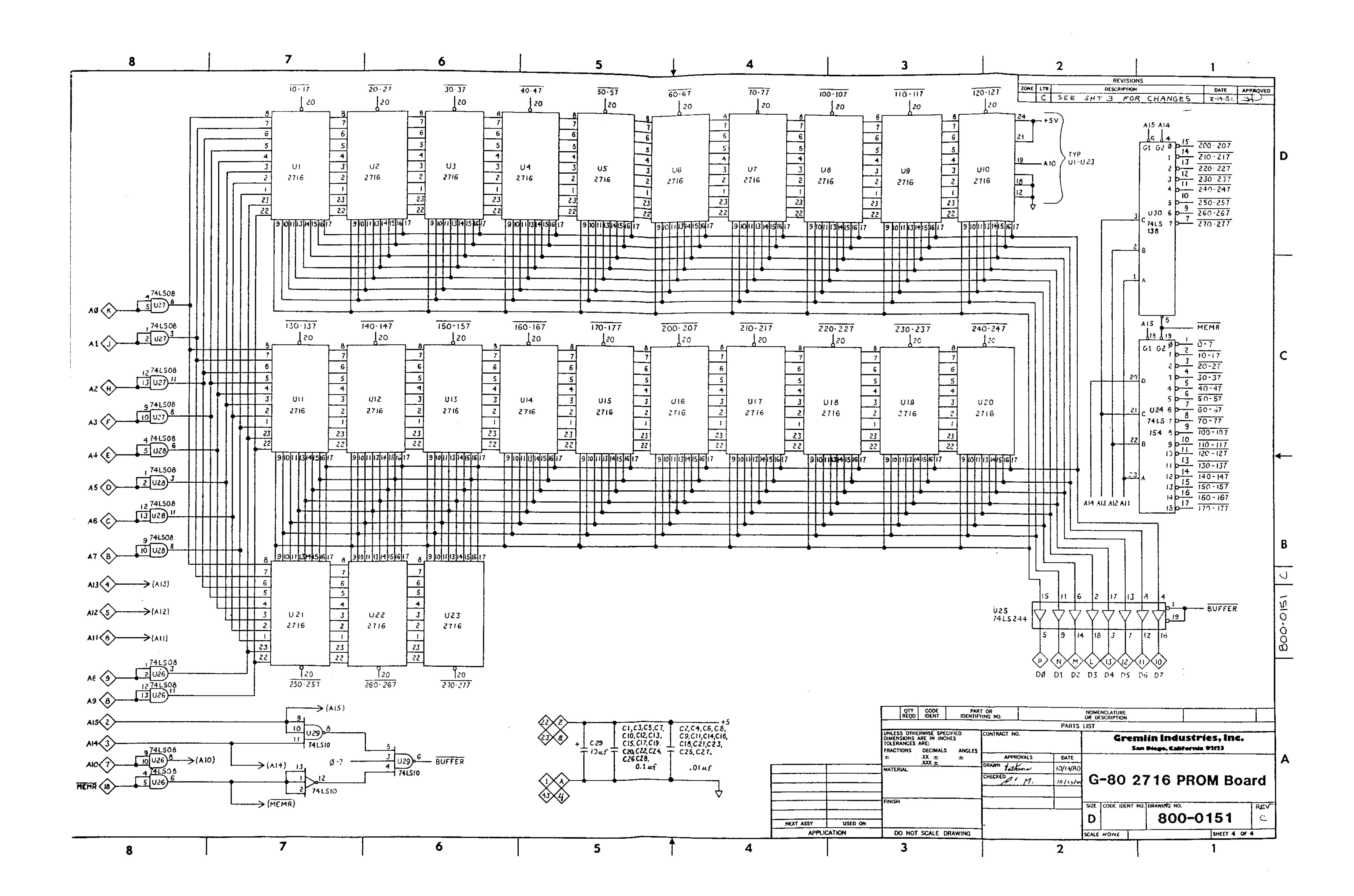
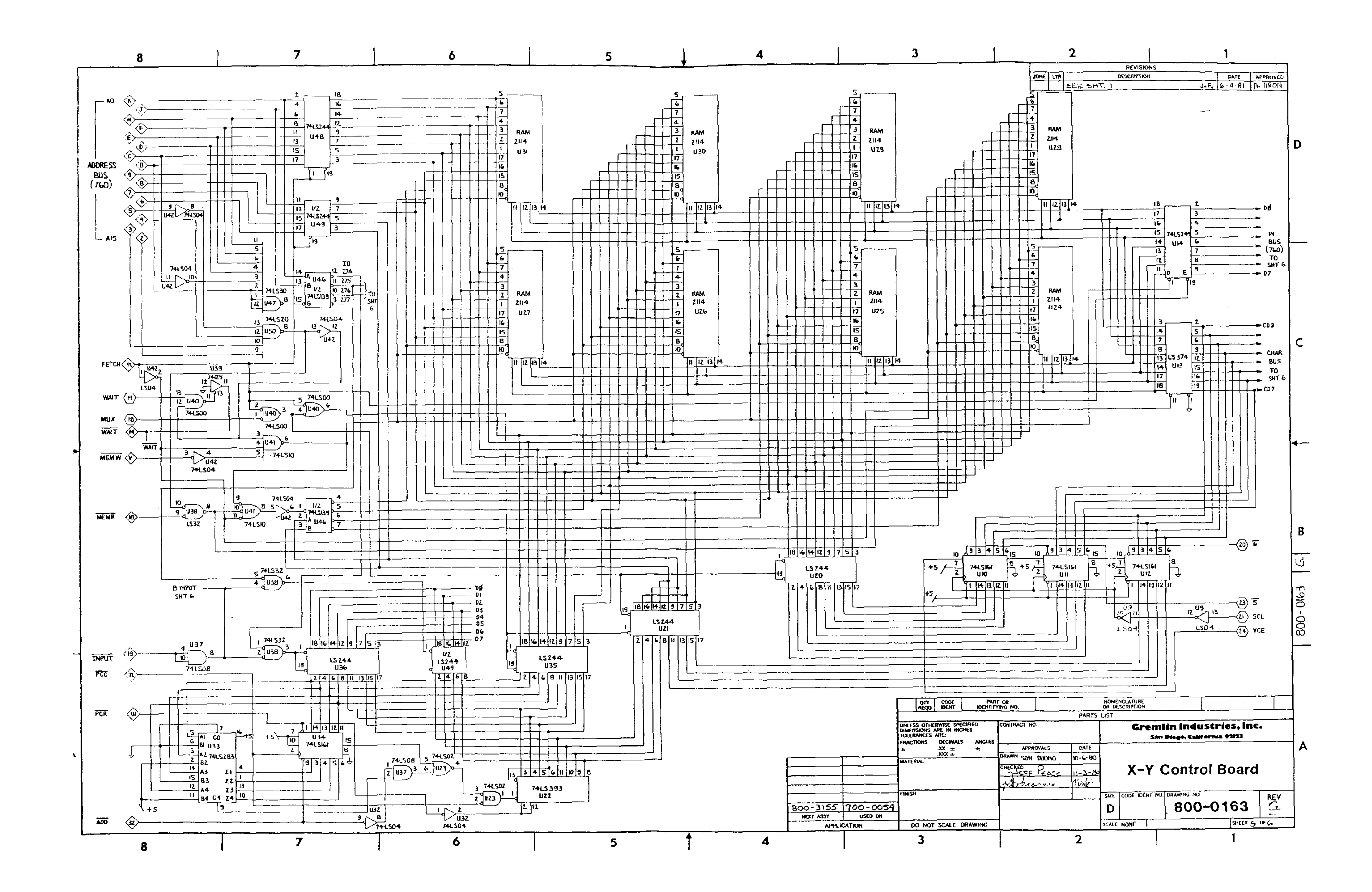
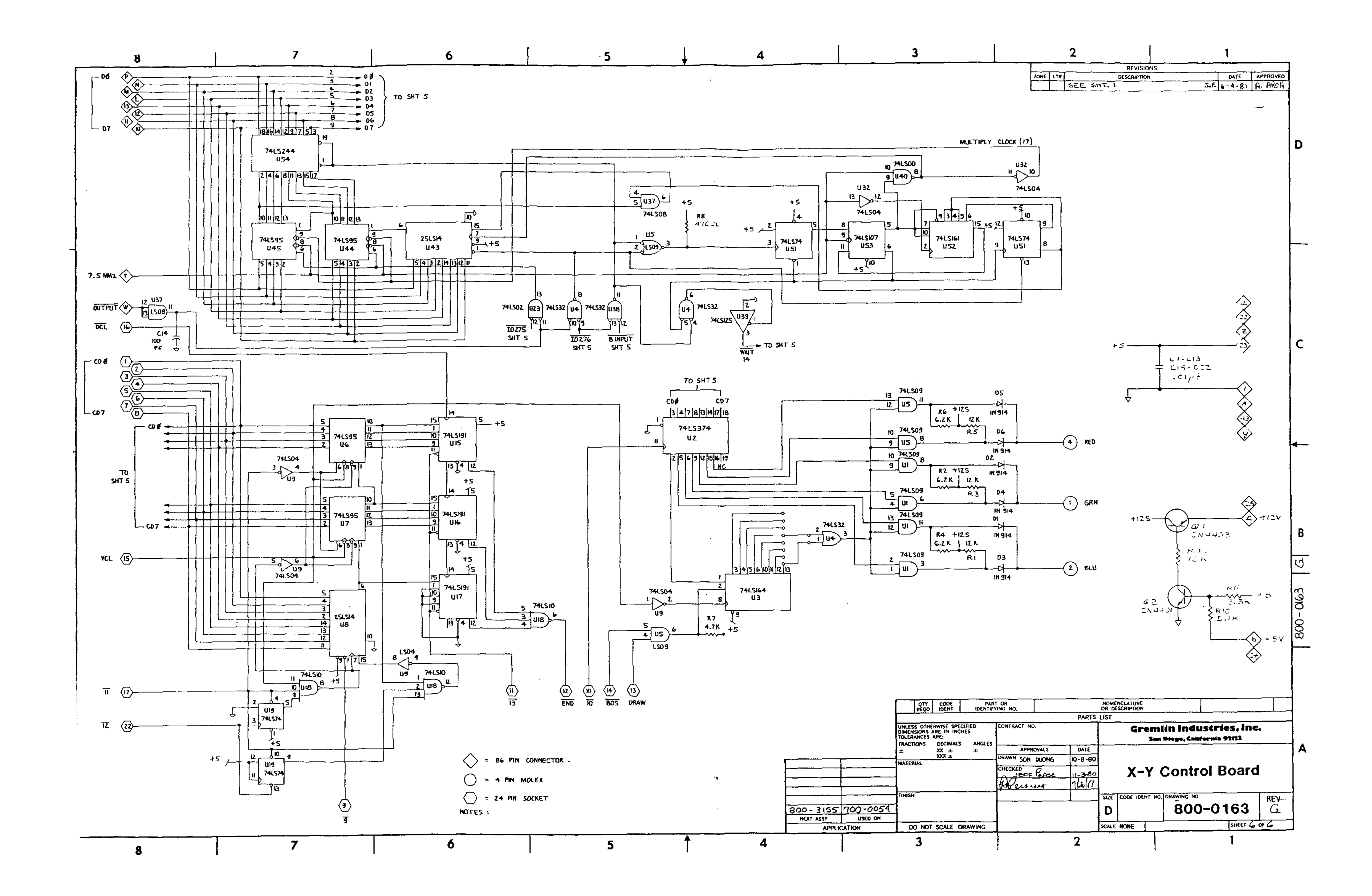

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
— SEE SHEET 1 FOR REVISIONS CTC 10-28-80 R. ARON
Y1 8.000 MHZ
U22 Z80A
U21 31562 OR 31563 OR 31564 OR 31570 OR 31576
U29 2114
U28 2114
U27 2114
U26 2114
U25 2516
U38 LS244
U36 LS244
U35 LS245
LS374 U3
LS240 U4
U34 LS244
U15 6331
U12 555
RP 15K 2200 Ω
(SHT 7)
C37–C42 C44, C48 C51–C61 .1 MF
C62 10 MF 25V
PARTS LIST
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN 7/17/80
CHECKED JEFF TEASC 10-26-80
P.R.M. 10-29-80
Gremlin Industries, Inc.
San Diego, California 92123
CPU Board
SIZE D
CODE IDENT NO.
DRAWING NO. 800-0107
REV E
SCALE NONE
SHEET 6 OF 7
800-0107 E


REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A RELEASED CTC 10-28-80 R.ARON
B ECN #528 CTC 11-13-80
C ECN #669 CTC
D ECN #677A CTC 2-25-81
E PER ECN # 978 M.G.A.
XINT (SHT 6)
INTCL (SHT 6)
P1
COIN A
COIN B
SERVICE
REF.
N.O.
N.C.
LS00
LS74
U39
LS27
U16
U7
LS14
U9
LS253
U11
D7 (SHT 6)
D6 (SHT 6)
OUT 371 (SHT 6)
RESET (SHT 6)
RST RST (SHT 6)
2N4401
PE8050
1N4002
4.7K
220 PF
RP3 15 × 2200Ω
U5 LS253
D5 (SHT 6)
D4 (SHT 6)
CI A1 AØ (SHT 6)
SW1
SW2
RP1 15 × 2200Ω
U2 LS253
D3 (SHT 6)
D2 (SHT 6)
U1 LS253
D1 (SHT 6)
DØ (SHT 6)
PARTS LIST
Gremlin Industries, Inc.
San Diego, California 92123
CPU Board
C.T. CATTELL 10-23-80
DO NOT SCALE DRAWING
SIZE D
800-0107
REV E
SCALE NONE
SHEET 7 OF 7

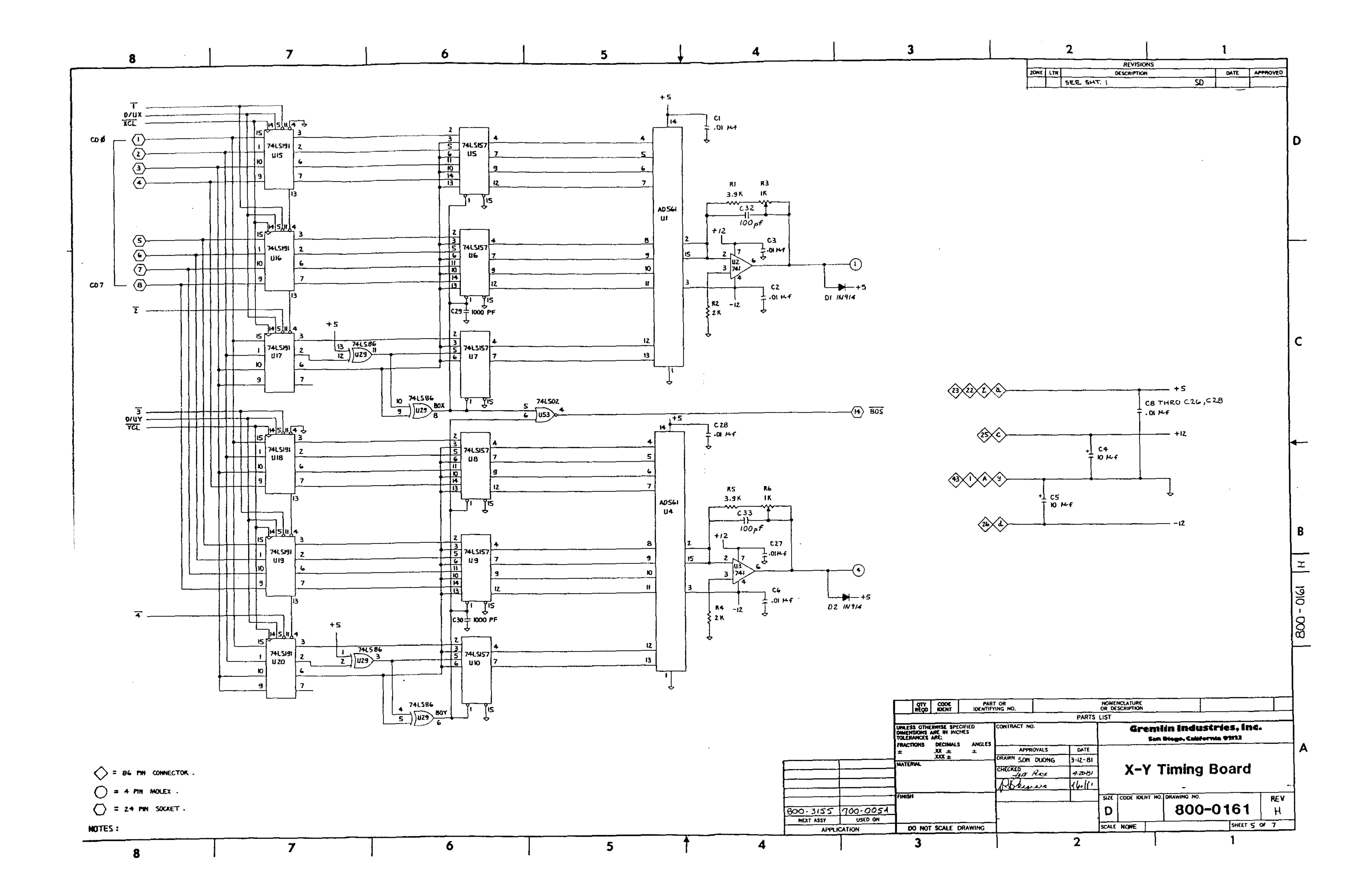

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
C SEE SHT 3 FOR CHANGES
U1 2716
U2 2716
U3 2716
U4 2716
U5 2716
U6 2716
U7 2716
U8 2716
U9 2716
U10 2716
U11 2716
U12 2716
U13 2716
U14 2716
U15 2716
U16 2716
U17 2716
U18 2716
U19 2716
U20 2716
U21 2716
U22 2716
U23 2716
10-17
20-27
30-37
40-47
50-57
60-67
70-77
100-107
110-117
120-127
130-137
140-147
150-157
160-167
170-177
200-207
210-217
220-227
230-237
240-247
250-257
260-267
270-277
+5V
A10
TYP U1-U23
U30 74LS 138
U24 74LS 154
A15 A14
A14 A13 A12 A11
MEMR
U25 74LS244
BUFFER
DØ D1 D2 D3 D4 D5 D6 D7
74LS08
74LS10
AØ A1 A2 A3 A4 A5 A6 A7 A13 A12 A11 A8 A9 A15 A14 A10 MEMR
(A13)
(A12)
(A11)
(A15)
(A10)
(A14)
(MEMR)
C29 10uf
C1,C3,C5,C7, C10,C12,C13, C15,C17,C19, C20,C22,C24, C26,C28. 0.1uf
C2,C4,C6,C8, C9,C11,C14,C16, C18,C21,C23, C25,C27. .01uf
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
MATERIAL
FINISH
CONTRACT NO.
APPROVALS DATE
DRAWN 10/14/80
CHECKED
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING
Gremlin Industries, Inc.
San Diego, California 92123
G-80 2716 PROM Board
SIZE D
CODE IDENT NO.
DRAWING NO. 800-0151
REV C
SCALE NONE
SHEET 4 OF 4
800-0151 C



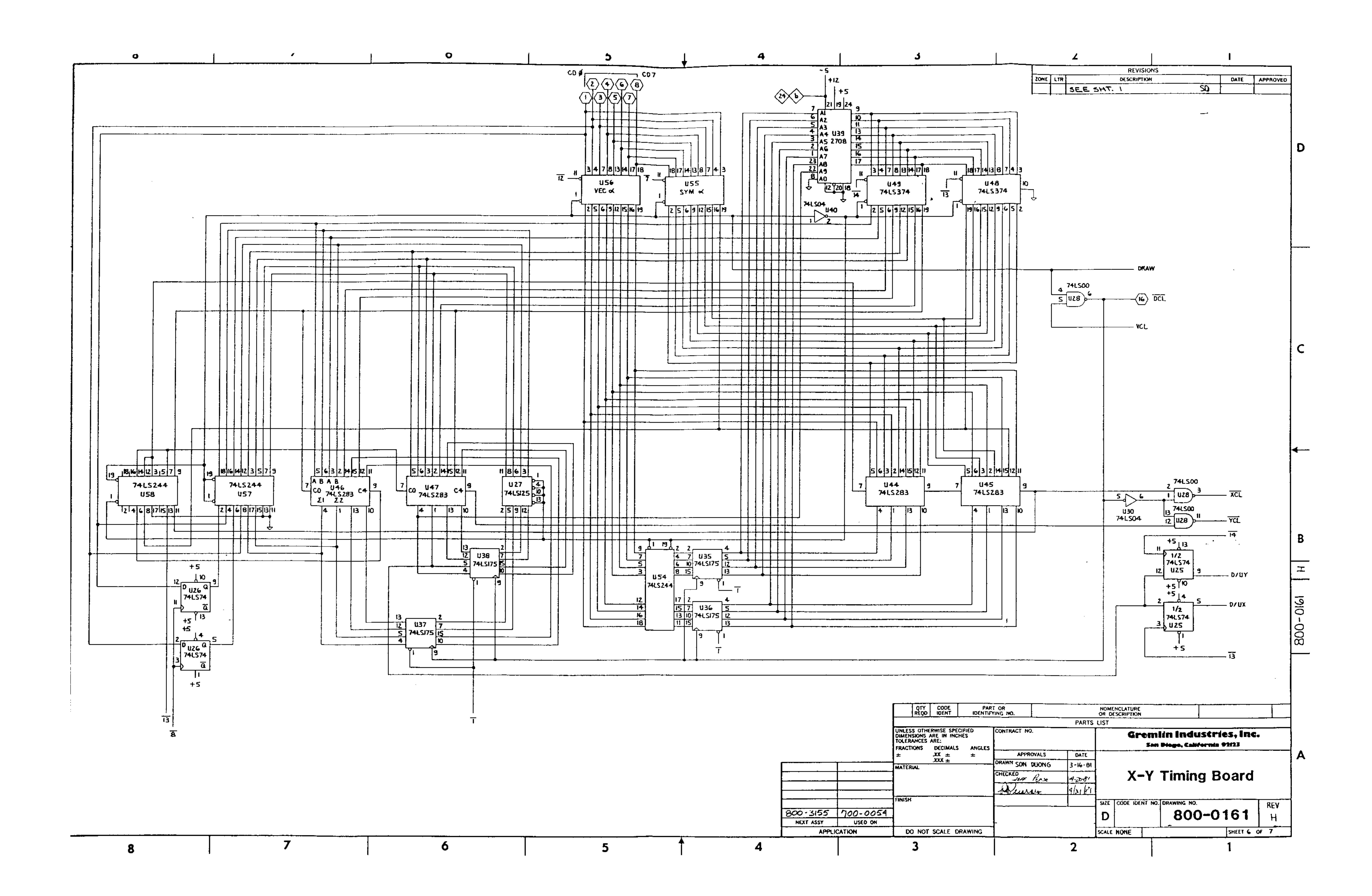
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
SEE SHT. 1 J.F. 6-4-81 A. ARON
ADDRESS BUS (760)
A0
A15
FETCH
WAIT
MUX
WAIT
MEMW
MEMR
B INPUT SHT 6
INPUT
PCC
PCR
ADO
74LS244 U48
1/2 74LS244 U49
74LS30 U47
1/2 74LS139 U46
74LS20 U50
74LS04 U42
74LS00 U40
74125 U39
74LS10 U41
LS32 U38
74LS08 U37
74LS283 U33
74LS161 U34
74LS02 U23
74LS393 U22
LS244 U36
1/2 LS244 U49
LS244 U35
LS244 U21
LS244 U20
74LS161 U10
74LS161 U11
74LS161 U12
RAM 2114 U31
RAM 2114 U30
RAM 2114 U29
RAM 2114 U28
RAM 2114 U27
RAM 2114 U26
RAM 2114 U25
RAM 2114 U24
74LS245 U14
LS374 U13
TO SHT 6
D0
D7
IN BUS (760) TO SHT 6
CD0
CHAR BUS TO SHT 6
CD7
SCL
VCE
PARTS LIST
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
MATERIAL
FINISH
CONTRACT NO.
APPROVALS DATE
DRAWN SON DUONG 10-6-80
CHECKED JEFF PEASE 11-3-80
Gremlin Industries, Inc.
San Diego, California 92123
X-Y Control Board
SIZE D
CODE IDENT NO.
DRAWING NO. 800-0163
REV G
SCALE NONE
SHEET 5 OF 6
800-3155 700-0054
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING
800-0163

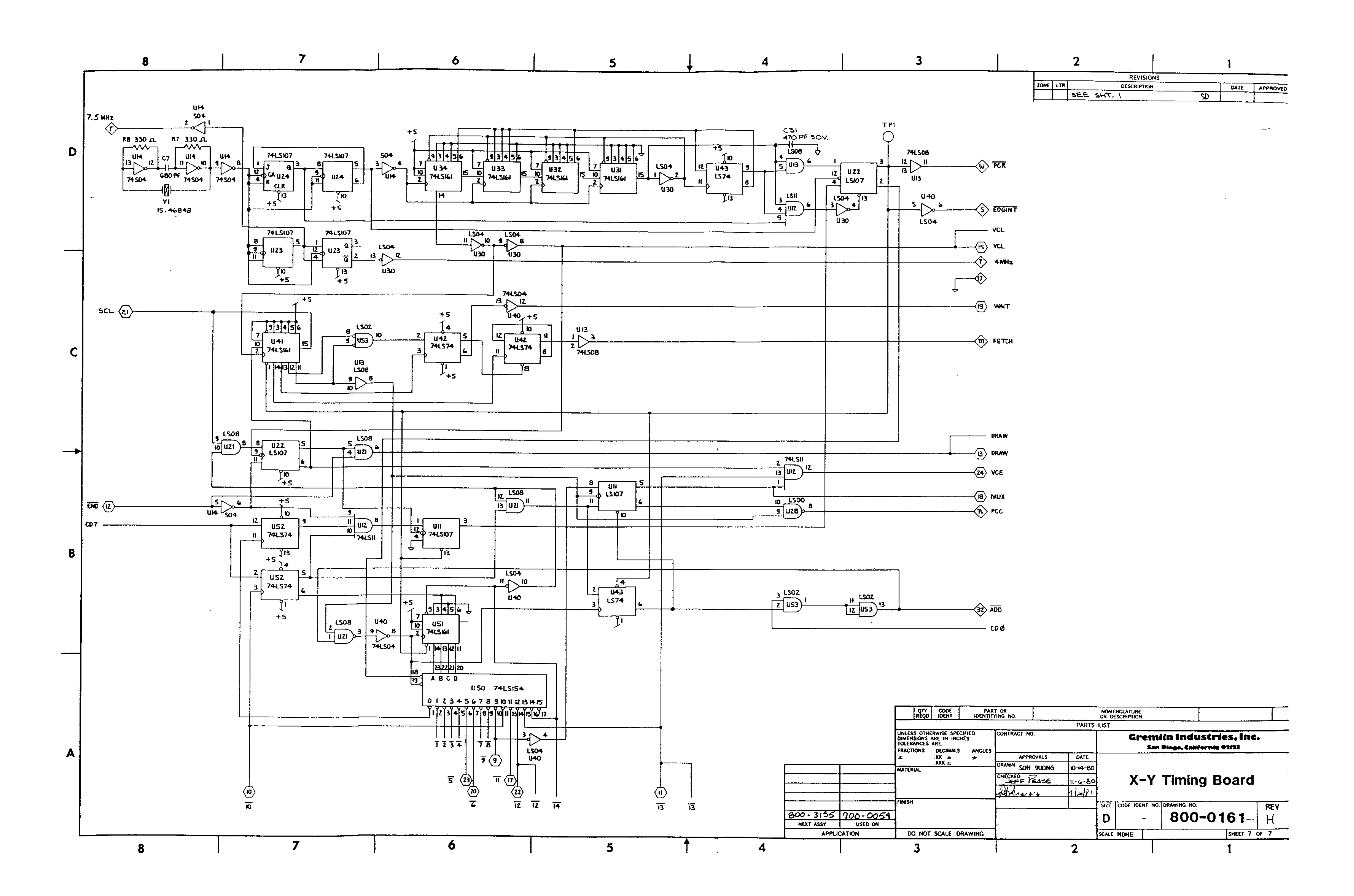


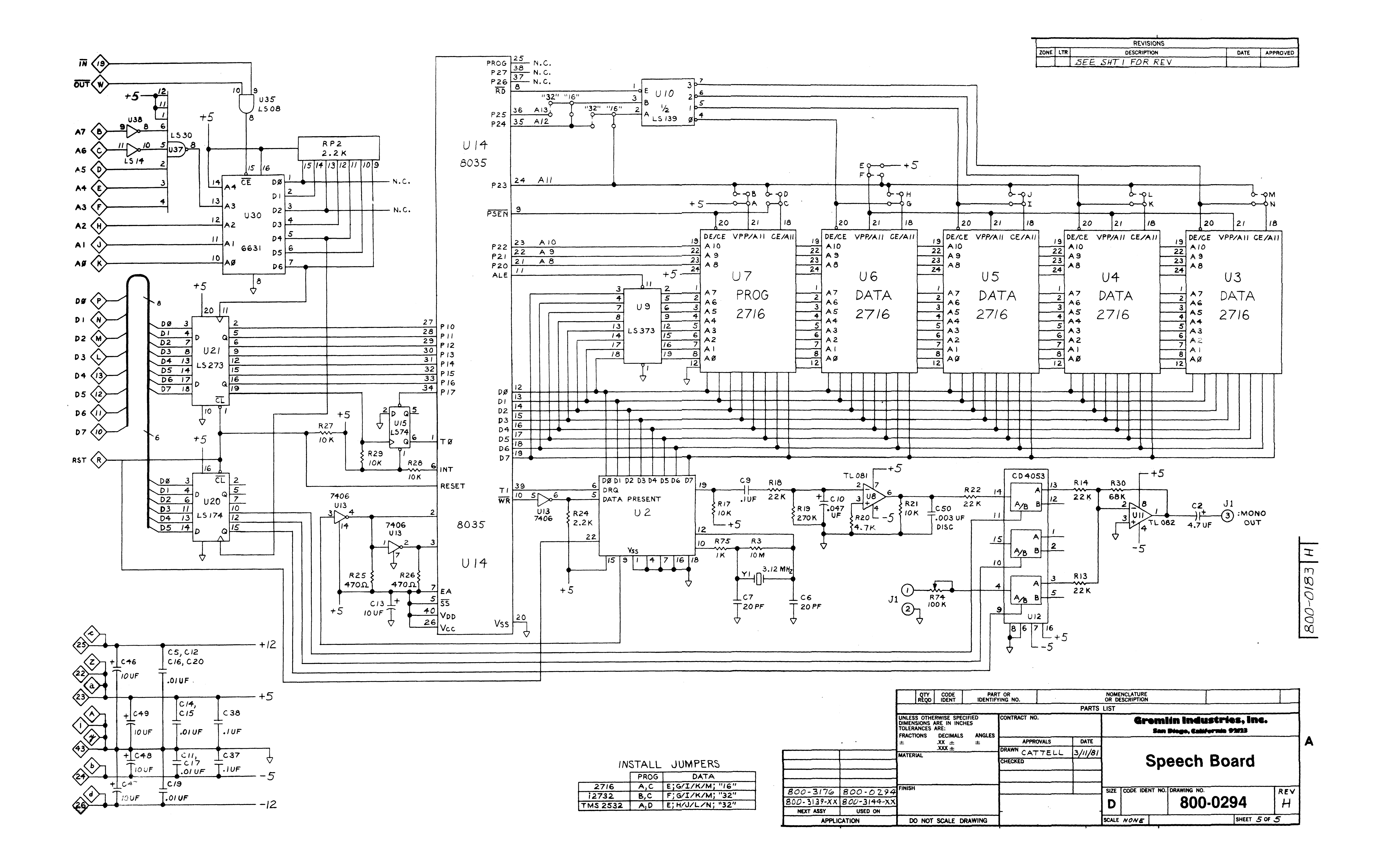
TO SHT 5
MULTIPLY CLOCK (17)
7.5 MHz
OUTPUT
DCL
VCL
TO SHT 5
RED
GRN
BLU
WAIT
END
BOS
DRAW
= 86 PIN CONNECTOR
= 4 PIN MOLEX
= 24 PIN SOCKET
NOTES :
REVISIONS
SEE SHT. 1
6-4-81
A. AKON
PARTS LIST
Gremlin Industries, Inc.
San Diego, California 92123
X-Y Control Board
DRAWN SON DUONG 10-8-80
DO NOT SCALE DRAWING
800-3155
700-0054
NEXT ASSY
USED ON
APPLICATION
D
800-0163
REV G
SHEET 6 OF 6
SCALE NONE

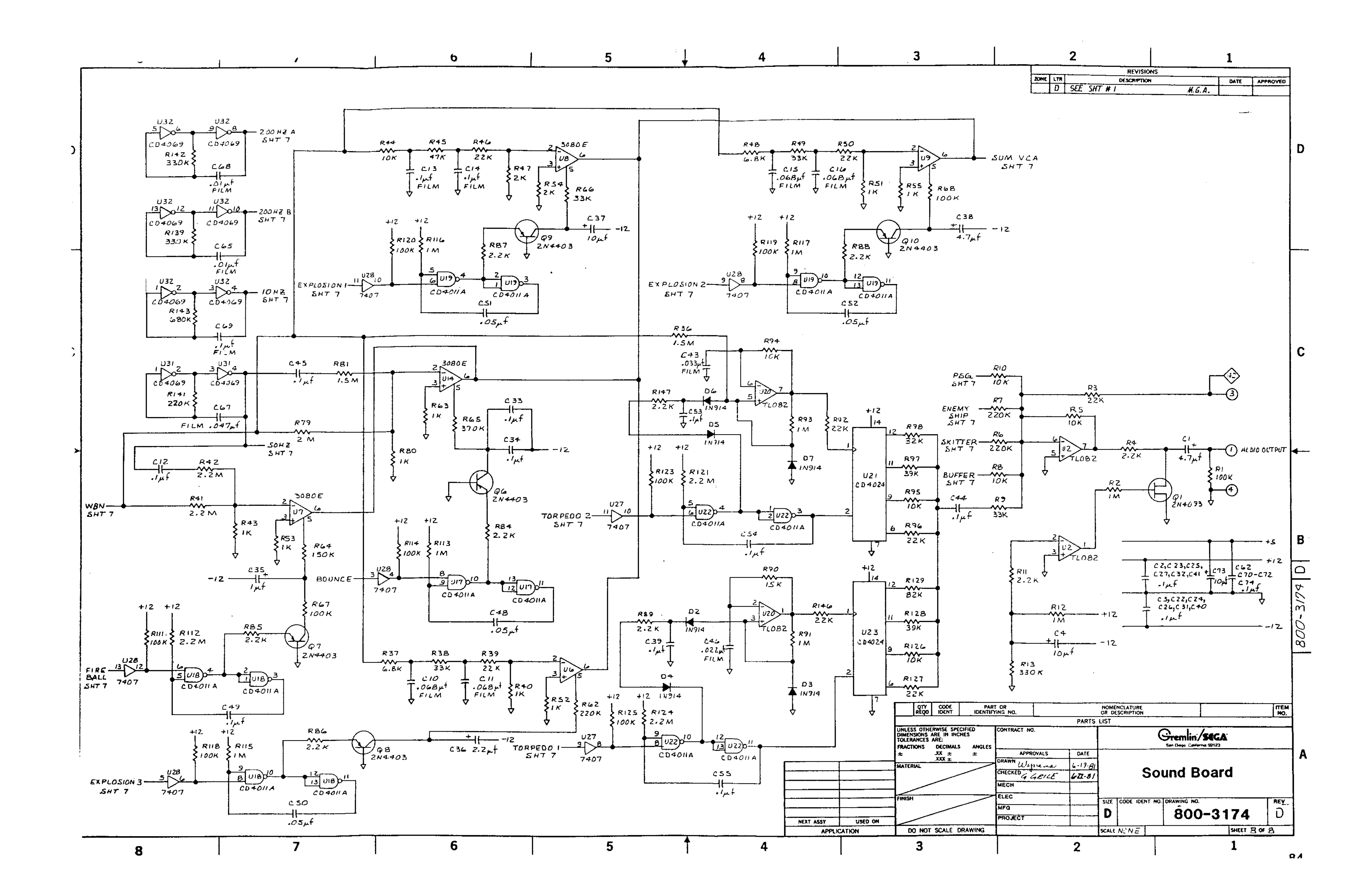


REVISIONS
SEE SHT. 1
74LS191
74LS157
AD561
74LS86
74LS02
= 86 PIN CONNECTOR.
= 4 PIN MOLEX.
= 24 PIN SOCKET.
NOTES:
Gremlin Industries, Inc.
San Diego, California 92121
X-Y Timing Board
DRAWN SON DUONG 3-12-81
SIZE D
DRAWING NO. 800-0161
REV H
SCALE NONE
SHEET 5 OF 7
800-3155
700-0051
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING

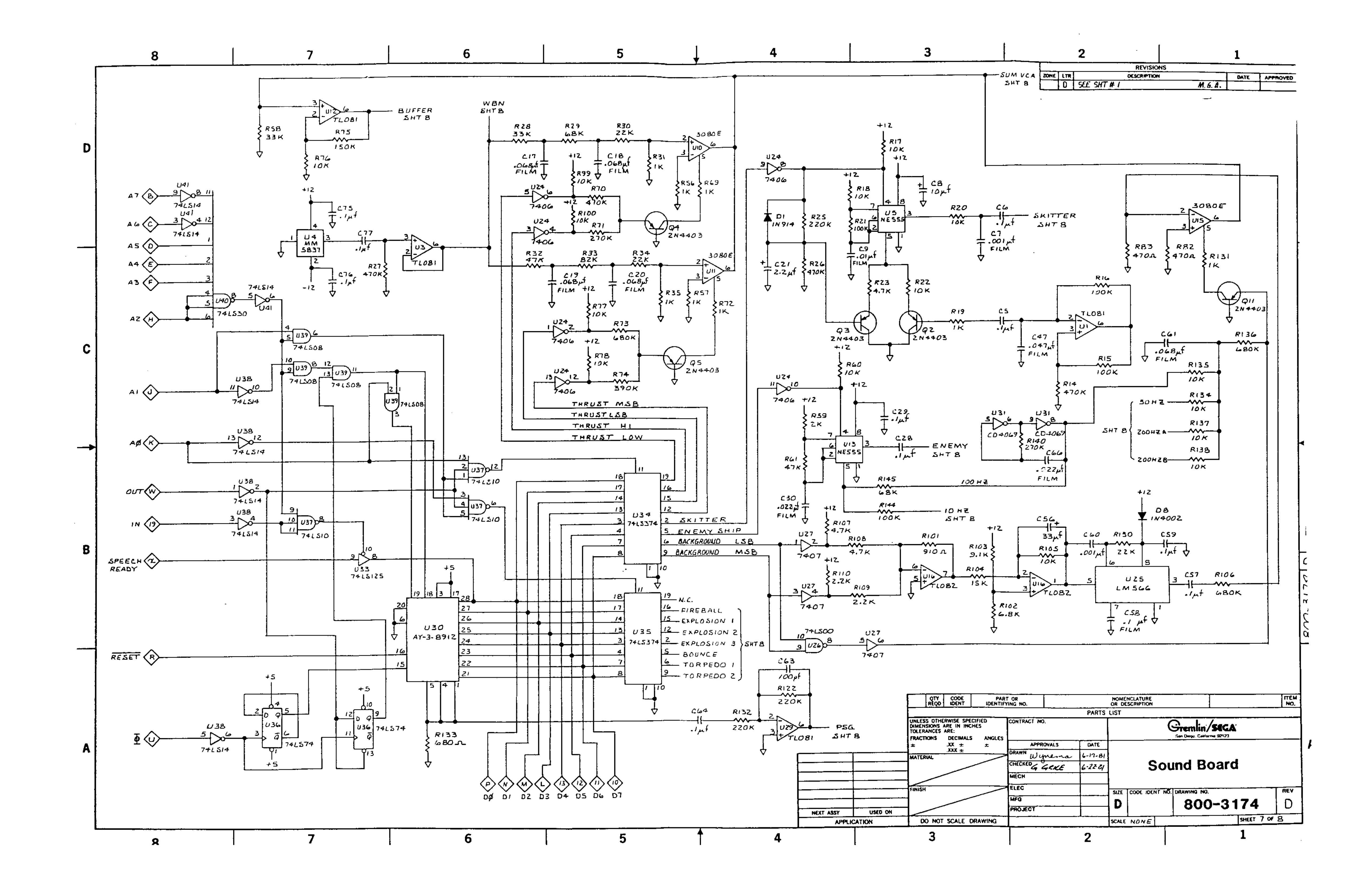

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
SEE SHT. 1
U56 VEC α
U55 SYM α
U39 2708
U49 74LS374
U48 74LS374
74LS04 U40
DRAW
74LS00 U28
DCL
VCL
74LS244 U58
74LS244 U57
U46 74LS283
U47 74LS283
U27 74LS125
U44 74LS283
U45 74LS283
U30 74LS04
XCL
YCL
U38 74LS175
U54 74LS244
U35 74LS175
U36 74LS175
U37 74LS175
U26 74LS74
1/2 74LS74 U25
D/UY
D/UX
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
DRAWN SON DUONG 3-16-81
Gremlin Industries, Inc.
San Diego, California 92123
X-Y Timing Board
SIZE D
DRAWING NO. 800-0161
REV H
SCALE NONE
SHEET 6 OF 7
800-3155 700-0054
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING
800-0161 H


REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
SEE SHT. 1
SD
7.5 MHz
U14
S04
R8 330 Ω
R7 330 Ω
C7
680 PF
Y1
15.46848
74S04
74LS107
U24
U23
74LS161
U34
U33
U32
U31
LS04
U30
U43
LS74
C31
470 PF 50V.
LS08
U13
LS11
U12
U22
LS107
TP1
74LS08
U40
PCR
EDGINT
VCL
4MHz
WAIT
FETCH
SCL
U41
LS02
U53
U42
74LS74
74LS04
DRAW
VCE
MUX
PCC
END
CD7
U21
U52
U11
74LS107
U51
74LS11
LS00
U28
ADD
CDØ
U50 74LS154
PARTS LIST
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ±
DECIMALS .XX ± .XXX ±
ANGLES ±
MATERIAL
FINISH
CONTRACT NO.
APPROVALS
DATE
DRAWN SON DUONG 10-14-80
CHECKED JEFF PEASE 11-6-80
Gremlin Industries, Inc.
San Diego, California 92123
X-Y Timing Board
SIZE D
CODE IDENT NO. -
DRAWING NO. 800-0161
REV H
SCALE NONE
SHEET 7 OF 7
800-3155
700-0054
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING

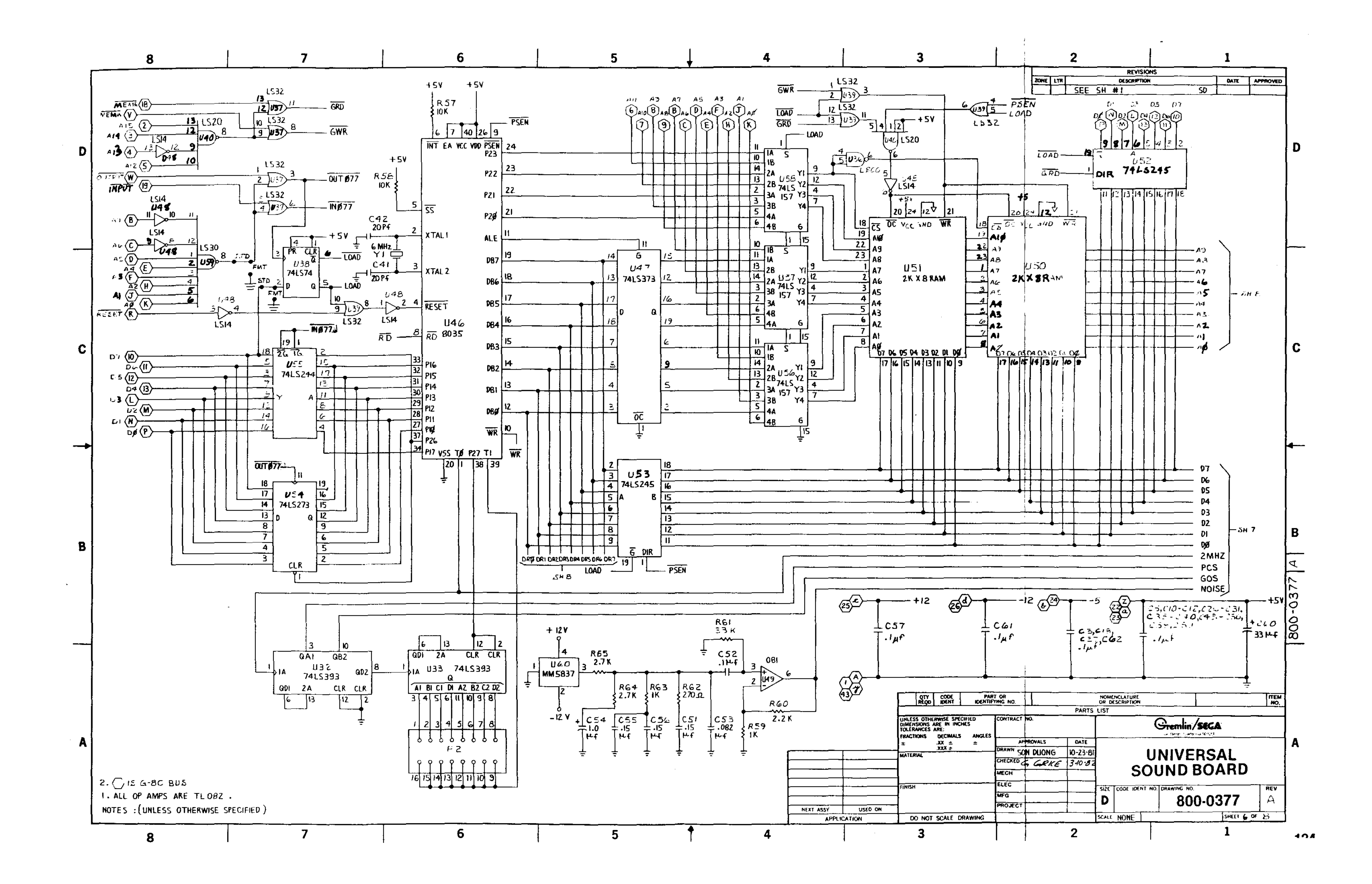

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
SEE SHT 1 FOR REV
U14
8035
U7 PROG 2716
U6 DATA 2716
U5 DATA 2716
U4 DATA 2716
U3 DATA 2716
U9 LS373
U10 1/2 LS139
U30 6631
U21 LS273
U20 LS174
U2 DATA PRESENT
CD4053
U12
TL081
TL082
J1 :MONO OUT
INSTALL JUMPERS
PROG | DATA
2716 | A,C | E;G/I/K/M; "16"
i2732 | B,C | F;G/I/K/M; "32"
TMS 2532 | A,D | E;H/J/L/N; "32"
PARTS LIST
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±
CONTRACT NO.
APPROVALS | DATE
DRAWN CATTELL 3/11/81
CHECKED
MATERIAL
FINISH
Gremlin Industries, Inc.
San Diego, California 92123
Speech Board
SIZE D
CODE IDENT NO.
DRAWING NO. 800-0294
REV H
SCALE NONE
SHEET 5 OF 5
800-3176 | 800-0294
800-3139-XX | 800-3144-XX
NEXT ASSY | USED ON
APPLICATION
DO NOT SCALE DRAWING
800-0183 H
A



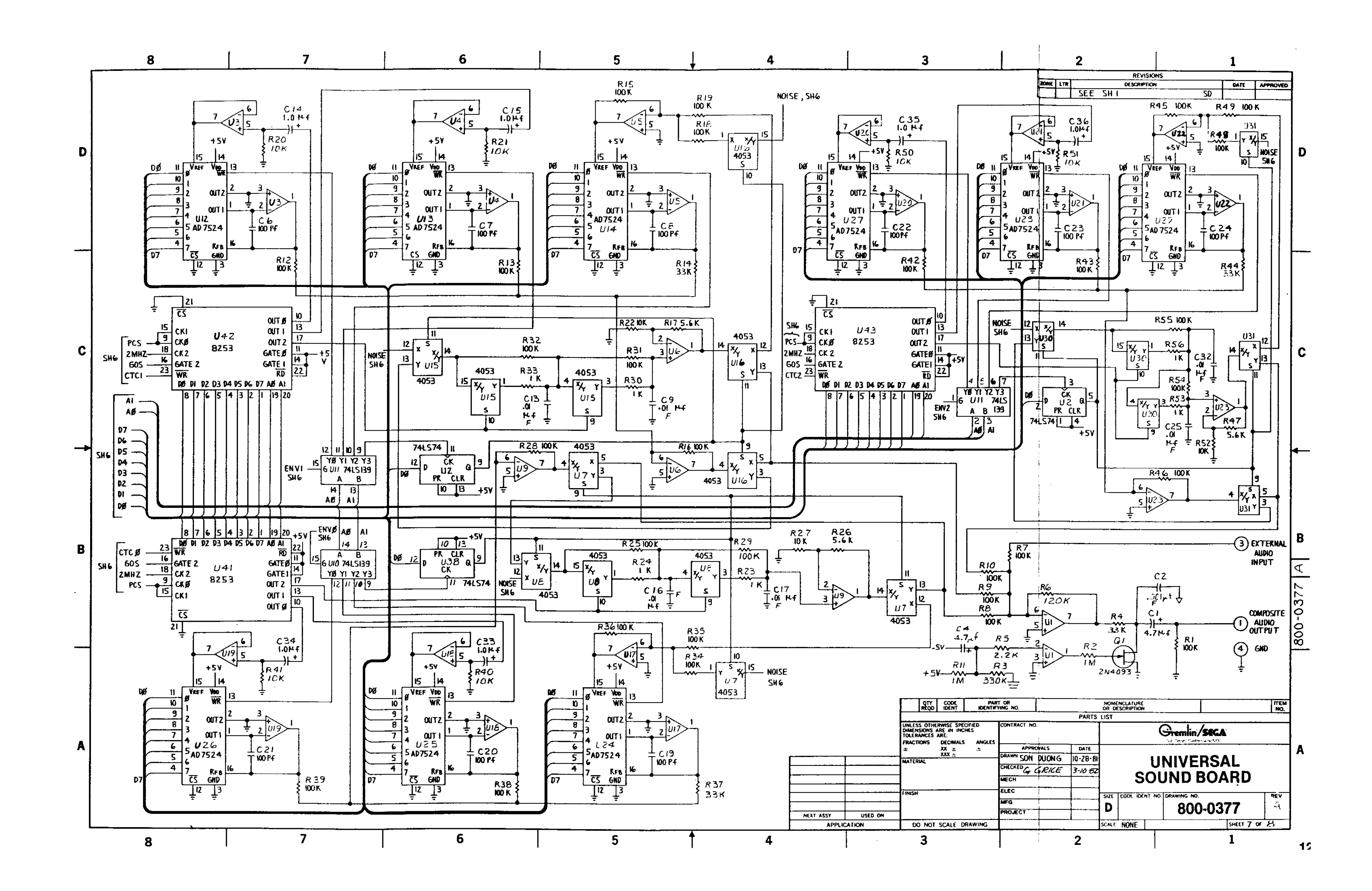
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
D SEE SHT #1 M.G.A.
200 HZ A SHT 7
200HZ B SHT 7
10 HZ SHT 7
50HZ SHT 7
WBN SHT 7
SUM VCA SHT 7
EXPLOSION 1 SHT 7
EXPLOSION 2 SHT 7
EXPLOSION 3 SHT 7
FIRE BALL SHT 7
BOUNCE
TORPEDO 1 SHT 7
TORPEDO 2 SHT 7
PSG SHT 7
ENEMY SHIP SHT 7
SKITTER SHT 7
BUFFER SHT 7
AUDIO OUTPUT
U32 CD4069
U31 CD4069
3080E
U7
U8
U9
U14
U16
U2 TL082
U20 TL082
U21 CD4024
U23 CD4024
U17 CD4011A
U18 CD4011A
U19 CD4011A
U22 CD4011A
U27 7407
U28 7407
Q1 2N4093
Q6 2N4403
Q7 2N4403
Q8 2N4403
Q9 2N4403
Q10 2N4403
D2 1N914
D3 1N914
D4 1N914
D5 1N914
D6 1N914
D7 1N914
+12
-12
+5
C2,C23,C25,C27,C32,C41 .1µf
C3,C22,C24,C26,C31,C40 .1µf
C73 10µf
C62 C70-C72 C74 .1µf
PARTS LIST
QTY REQD CODE IDENT PART OR IDENTIFYING NO. NOMENCLATURE OR DESCRIPTION ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ± DECIMALS .XX ± .XXX ± ANGLES ±
CONTRACT NO.
MATERIAL
FINISH
APPROVALS DATE
DRAWN 6-17-81
CHECKED G GEICE 6-22-81
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
Sound Board
SIZE D
CODE IDENT NO.
DRAWING NO. 800-3174
REV. D
SCALE NONE
SHEET 8 OF 8
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
800-3174 D



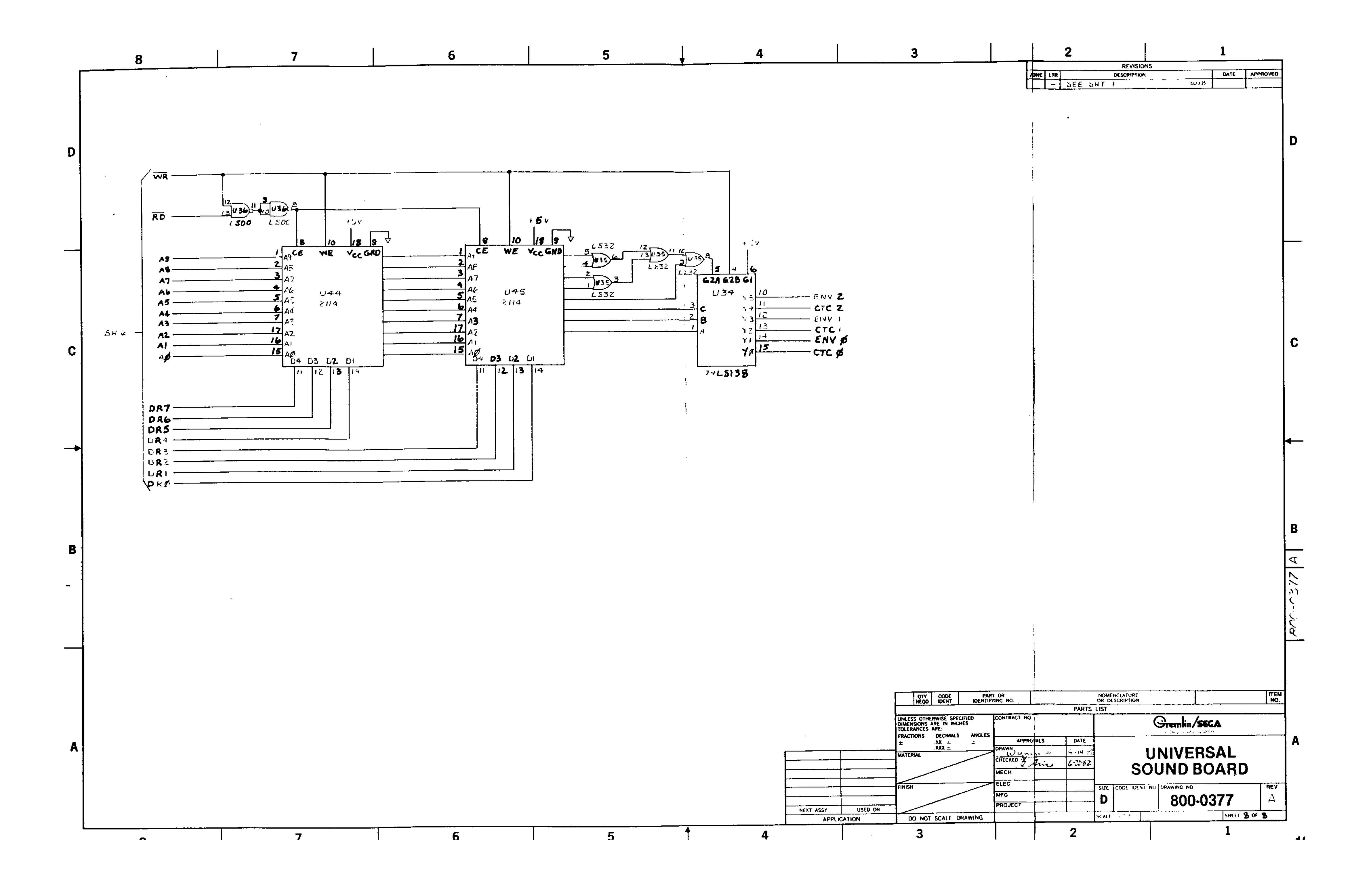
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
D SEE SHT # 1 M.G.B.
SUM VCA SHT 8
BUFFER SHT 8
WBN SHT 8
SKITTER SHT 8
ENEMY SHT 8
100 HZ
10 HZ SHT 8
THRUST MSB
THRUST LSB
THRUST HI
THRUST LOW
SKITTER
ENEMY SHIP
BACKGROUND LSB
BACKGROUND MSB
N.C.
FIREBALL
EXPLOSION 1
EXPLOSION 2
EXPLOSION 3
BOUNCE
TORPEDO 1
TORPEDO 2
SHT 8
PSG SHT 8
SPEECH READY
RESET
U30 AY-3-8912
U34 74LS374
U35 74LS374
U25 LM566
U13 NE555
U5 NE555
U4 MM5837
3080E
TL081
TL082
50HZ
200HZA
200HZB
QTY REQD | CODE IDENT | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
CONTRACT NO.
APPROVALS DATE
DRAWN 6-17-81
CHECKED 6-22-81
Gremlin/SEGA
San Diego, California 92123
Sound Board
SIZE D
DRAWING NO. 800-3174
REV D
SCALE NONE
SHEET 7 OF 8
NEXT ASSY USED ON
APPLICATION
DO NOT SCALE DRAWING



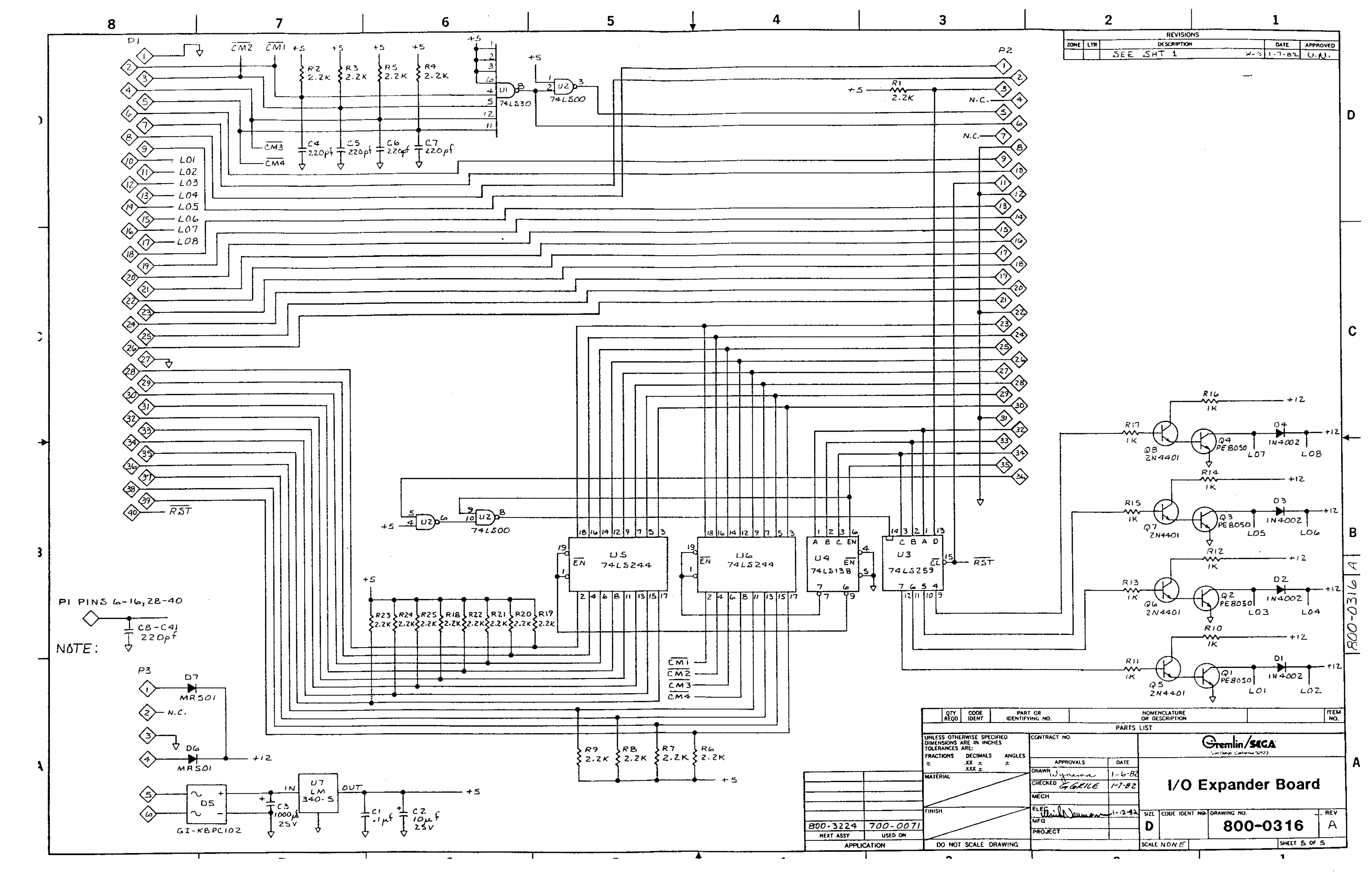
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
SEE SH #1
SD
U46
8035
U47
74LS373
U53
74LS245
U55
74LS244
U54
74LS273
U38
74LS74
U51
2K X 8 RAM
U50
2K X 8 RAM
U52
74LS245
U58
74LS157
U57
74LS157
U56
74LS157
U32
74LS393
U33
74LS393
U40
MM5837
U49
081
R57
10K
R56
10K
C42
20PF
C41
20PF
6 MHz
Y1
XTAL 1
XTAL 2
RESET
PSEN
LOAD
GRD
GWR
OUT Ø77
IN Ø77
D7
D6
D5
D4
D3
D2
D1
DØ
2MHZ
PCS
GOS
NOISE
SH 7
SH 8
+5V
+12
-12
-5
+12V
-12V
R65
2.7K
R64
2.7K
R63
1K
R62
270Ω
R61
33K
R60
2.2K
R59
1K
C54
1.0 μf
C55
.15 μf
C56
.15 μf
C51
.15 μf
C53
.082 μf
C52
.1μf
C57
.1μf
C61
.1μf
33μf
F2
2. ◯ IS G-8C BUS
1. ALL OP AMPS ARE TL082 .
NOTES : (UNLESS OTHERWISE SPECIFIED)
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS
DECIMALS
ANGLES
CONTRACT NO.
APPROVALS
DATE
DRAWN
SON DUONG
10-23-81
CHECKED
3-10-82
MATERIAL
MECH
ELEC
MFG
PROJECT
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
Gremlin/SEGA
UNIVERSAL
SOUND BOARD
SIZE
D
CODE IDENT NO.
DRAWING NO.
800-0377
REV
A
SCALE
NONE
SHEET 6 OF 8
800-0377 A



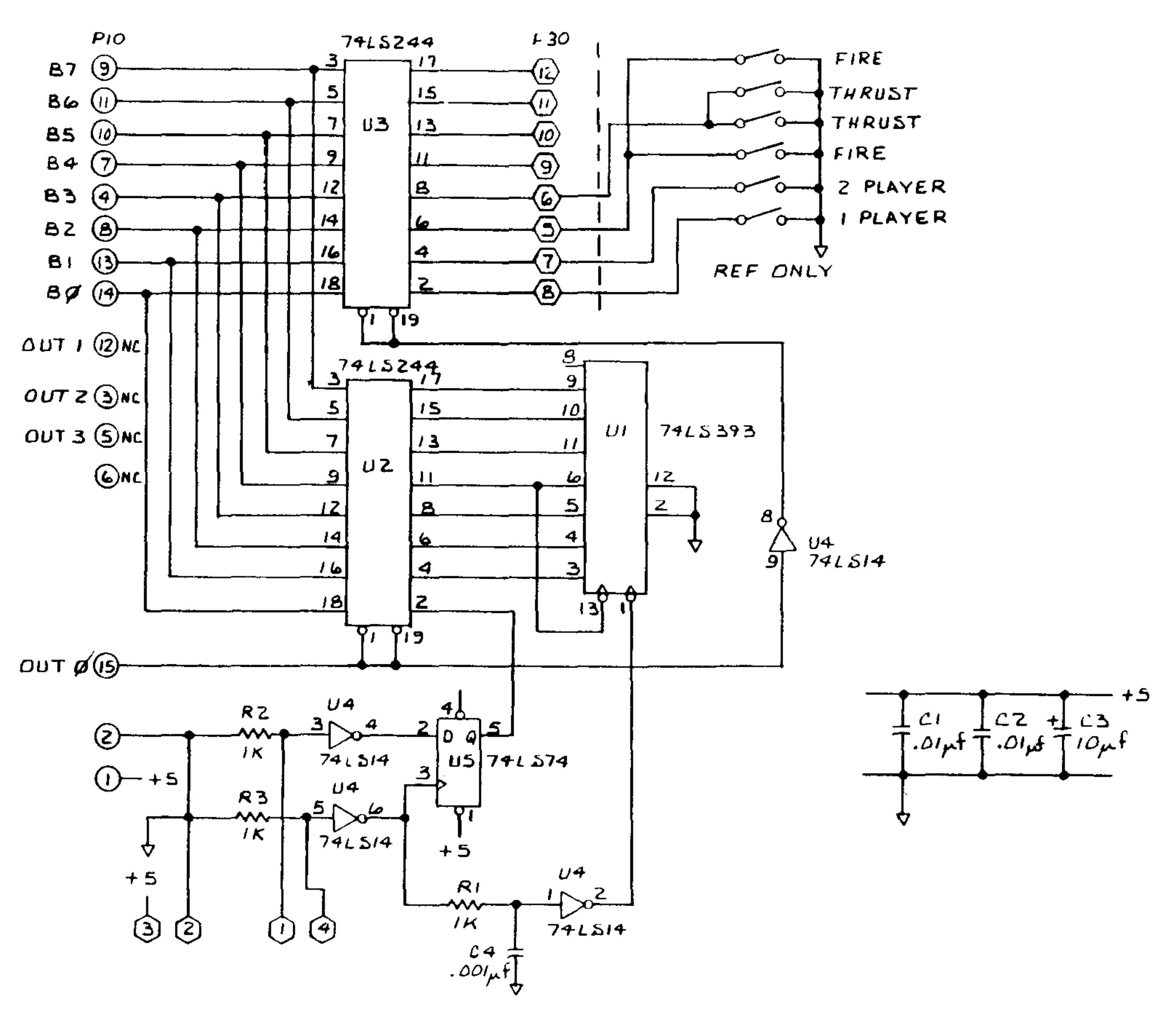
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
SEE SH 1
SD
AD7524
8253
74LS139
74LS74
4053
NOISE, SH6
SH6
PCS
2MHZ
6OS
CTC1
CTCØ
CTC2
ENV1
ENVØ
ENV2
3 EXTERNAL AUDIO INPUT
1 COMPOSITE AUDIO OUTPUT
4 GND
2N4093
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS
DECIMALS
ANGLES
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN SON DUONG 10-28-81
CHECKED G GRICE 3-10-82
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
UNIVERSAL SOUND BOARD
SIZE D
CODE IDENT NO.
DRAWING NO. 800-0377
REV 4
SCALE NONE
SHEET 7 OF 8
800-0377



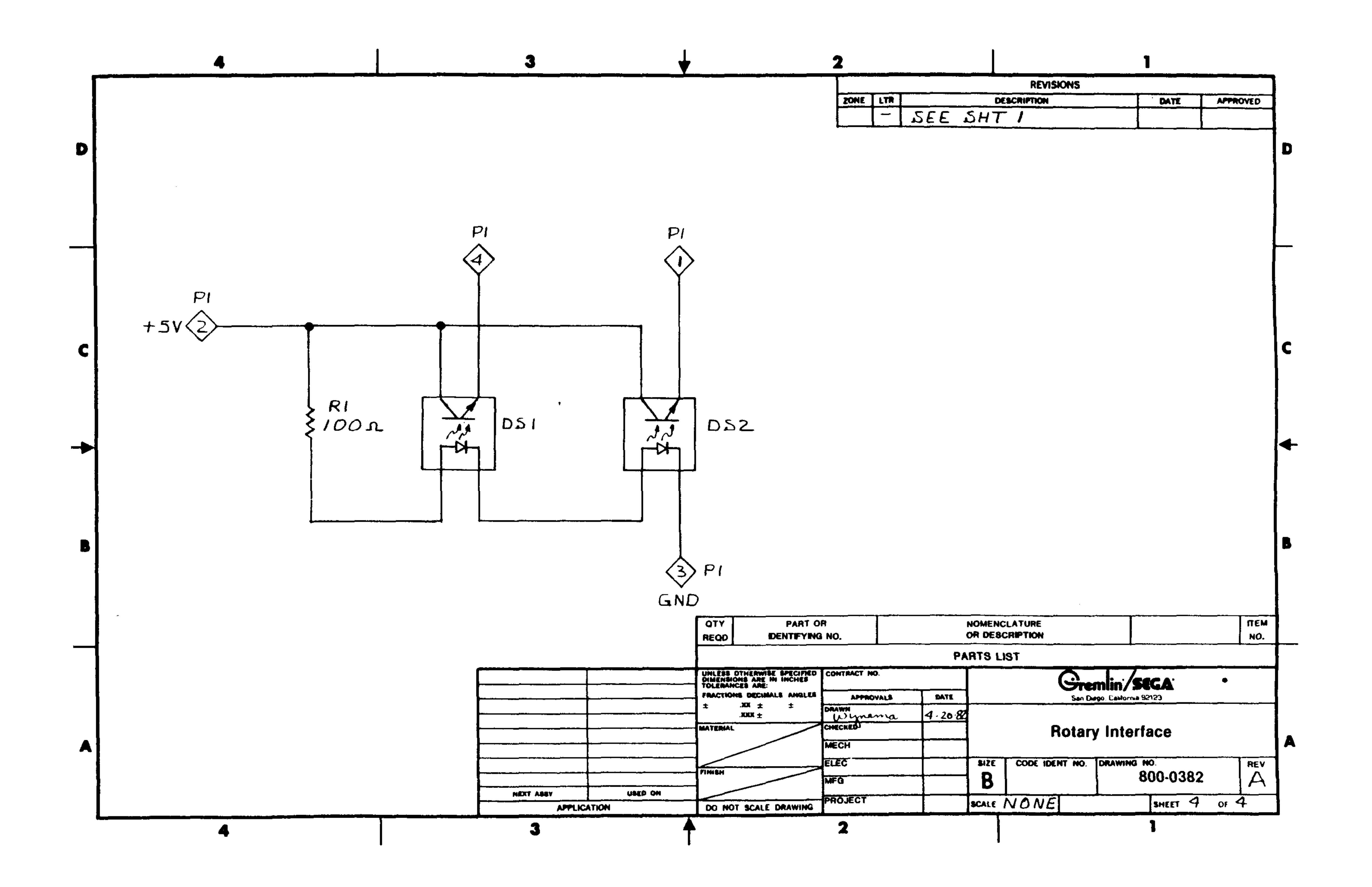
WR
RD
U36
LS00
A9
A8
A7
A6
A5
A4
A3
A2
A1
AØ
U44
2114
U45
2114
CE
WE
Vcc
GND
+5V
LS32
U35
U34
74LS138
G2A G2B G1
ENV 2
CTC 2
ENV 1
CTC 1
ENV Ø
CTC Ø
DR7
DR6
DR5
DR4
DR3
DR2
DR1
DRØ
REVISIONS
SEE SHT 1
PARTS LIST
Gremlin/SEGA
UNIVERSAL
SOUND BOARD
D
800-0377
A
SHEET 8 OF 8
DO NOT SCALE DRAWING



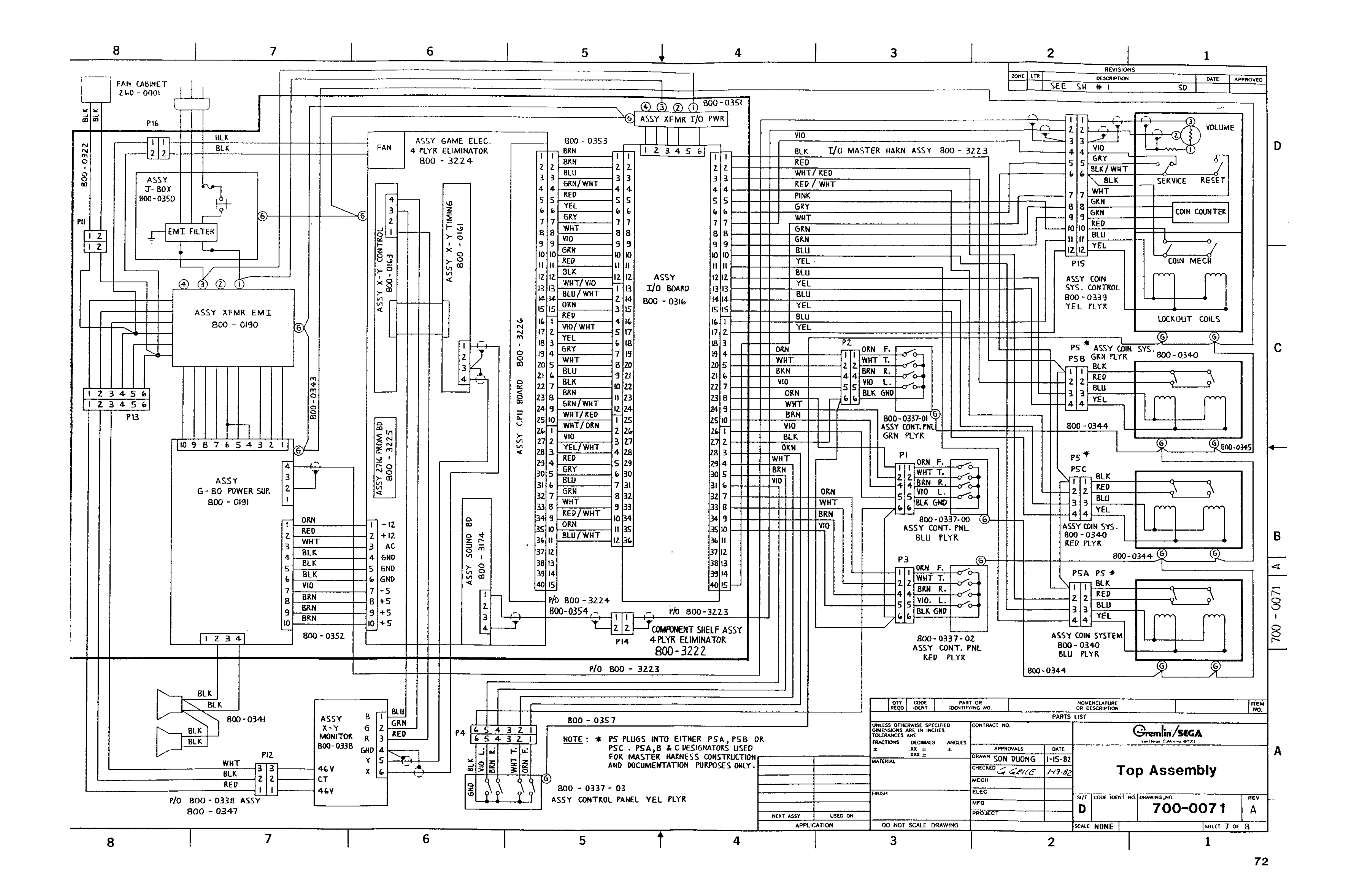
P1
P2
P3
74LS30
74LS00
U5 74LS244
U6 74LS244
U4 74LS138
U3 74LS259
RST
P1 PINS 6-16, 28-40
C8-C41 220pf
NOTE:
MR501
GI-KBPC102
U7 LM 340-5
C3 1000µf 25V
C1 .1µf
C2 10µf 25V
R16 1K
R17 1K
Q8 2N4401
Q4 PE8050
D4 1N4002
R14 1K
R15 1K
Q7 2N4401
Q3 PE8050
D3 1N4002
R12 1K
R13 1K
Q6 2N4401
Q2 PE8050
D2 1N4002
R10 1K
R11 1K
Q5 2N4401
Q1 PE8050
D1 1N4002
REVISIONS
SEE SHT 1
1-7-82
U.N.
PARTS LIST
Gremlin/SEGA
I/O Expander Board
800-3224
700-0071
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
SIZE D
800-0316
REV A
SCALE NONE
SHEET 5 OF 5



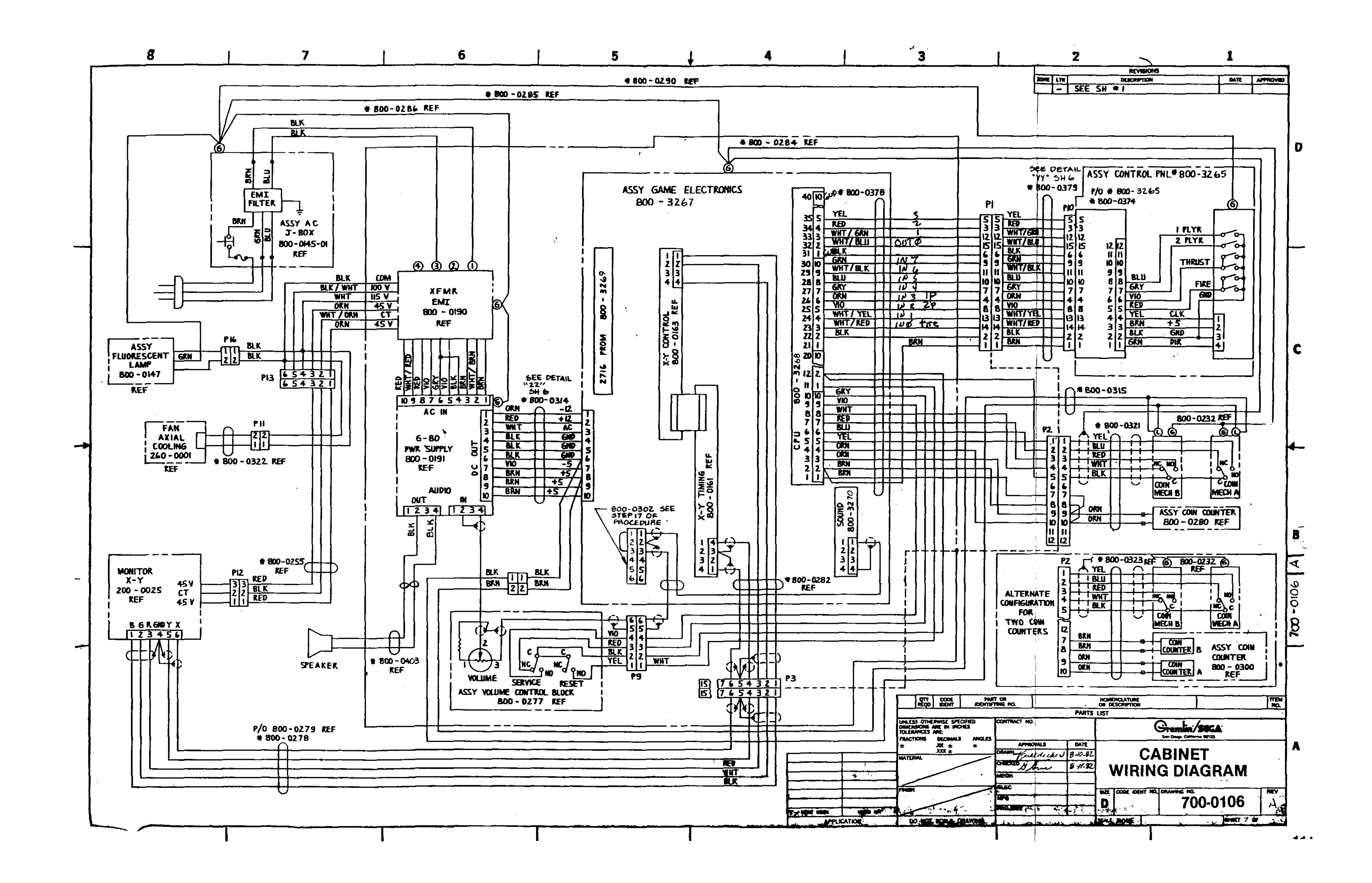
Single Player Control Panel Interface 800-0374



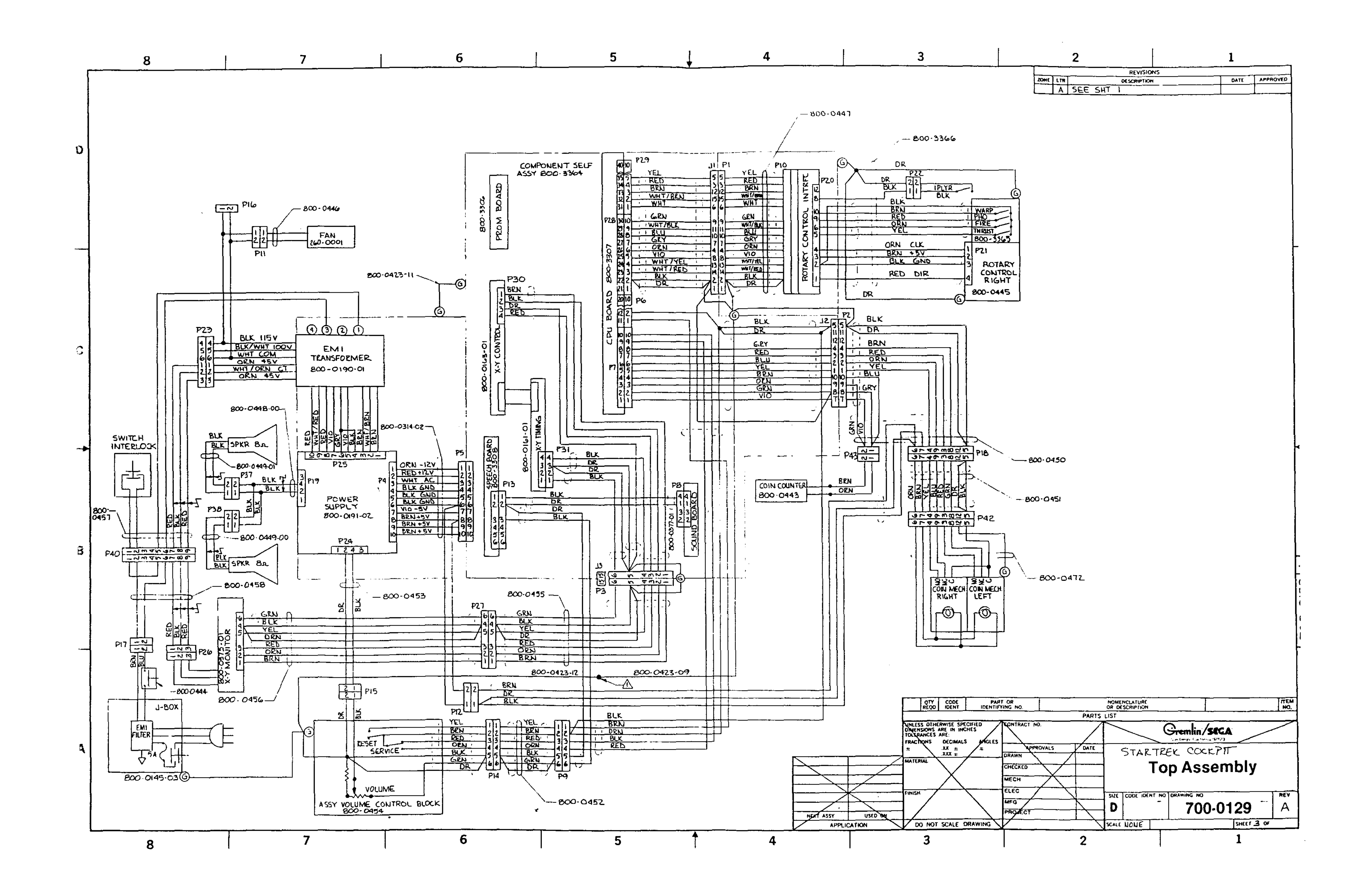
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
—
SEE SHT 1
P1
4
P1
1
P1
+5V
2
R1
100Ω
DS1
DS2
3
P1
GND
QTY REQD
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
NEXT ASSY
USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
±
.XX ±
.XXX ±
±
MATERIAL
FINISH
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN
Wynema
4-20-80
CHECKED
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
San Diego, California 92123
Rotary Interface
SIZE
B
CODE IDENT NO.
DRAWING NO.
800-0382
REV
A
SCALE NONE
SHEET 4 OF 4

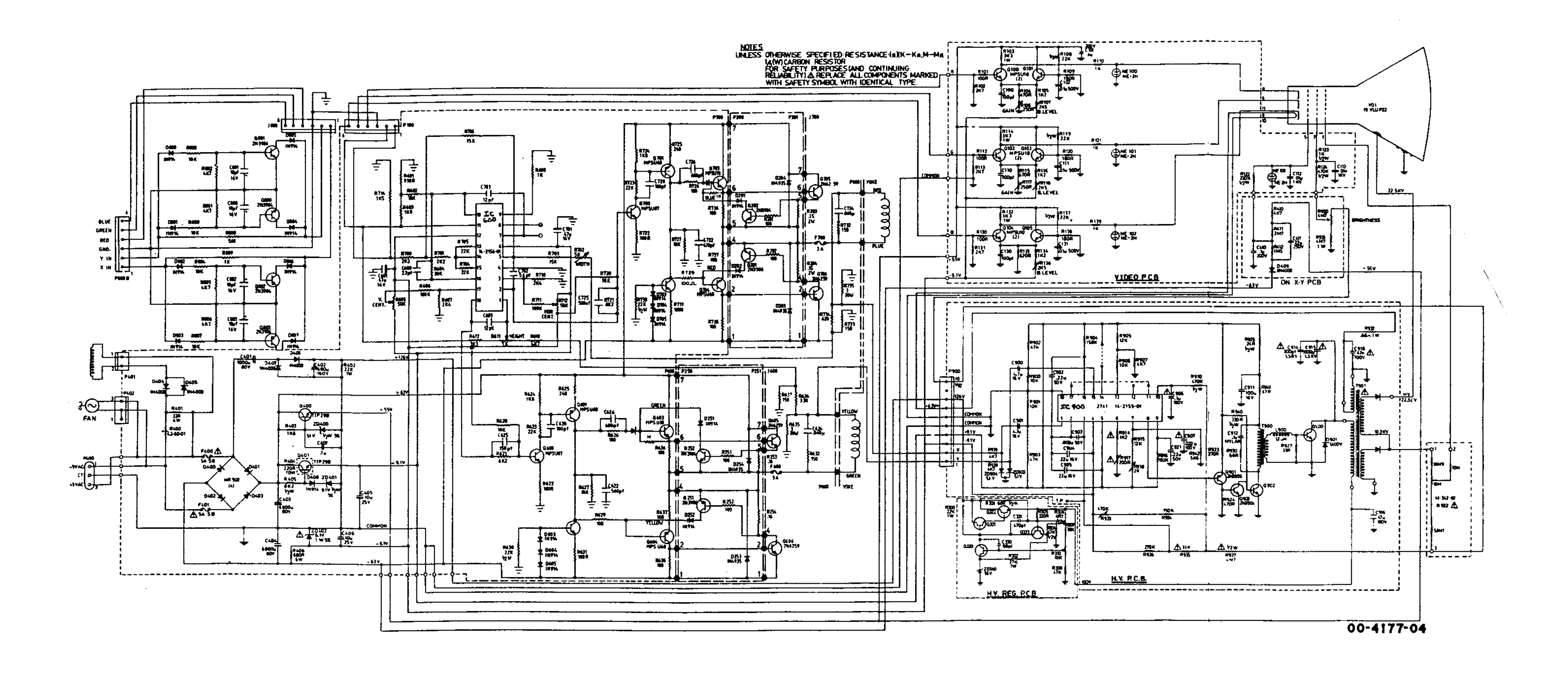


FAN CABINET
260 - 0001
BLK
BLK
800 - 0322
P16
P11
P13
ASSY
J-BOX
800-0350
EMI FILTER
ASSY XFMR EMI
800 - 0190
800 - 0343
ASSY
G-80 POWER SUP.
800 - 0191
ORN
RED
WHT
BLK
BLK
BLK
VIO
BRN
BRN
BRN
-12
+12
AC
GND
GND
GND
-5
+5
+5
+5
800 - 0352
FAN
ASSY GAME ELEC.
4 PLYR ELIMINATOR
800 - 3224
ASSY X-Y CONTROL
800 - 0163
ASSY X-Y TIMING
800 - 0161
ASSY 2716 PROM BD
800 - 3225
ASSY SOUND BD
800 - 3174
ASSY C.P.U BOARD 800 - 3226
800 - 0353
P/O 800 - 3224
800-0354
ASSY XFMR I/O PWR
800 - 0351
ASSY
I/O BOARD
800 - 0316
P/O 800 - 3223
P14
COMPONENT SHELF ASSY
4 PLYR ELIMINATOR
800-3222
I/O MASTER HARN ASSY 800 - 3223
VOLUME
SERVICE
RESET
COIN COUNTER
COIN MECH
LOCKOUT COILS
P15
ASSY COIN
SYS. CONTROL
800 - 0339
YEL PLYR
PS * ASSY COIN SYS.
PSB GRN PLYR
800 - 0340
800 - 0344
800 - 0345
P2
ORN F.
WHT T.
BRN R.
VIO L.
BLK GND
800 - 0337-01
ASSY CONT. PNL
GRN PLYR
P1
800 - 0337-00
ASSY CONT. PNL
BLU PLYR
PS *
PSC
ASSY COIN SYS.
800 - 0340
RED PLYR
P3
800 - 0337 - 02
ASSY CONT. PNL
RED PLYR
PSA PS *
ASSY COIN SYSTEM
800 - 0340
BLU PLYR
800 - 0341
ASSY
X-Y
MONITOR
800-0338
46V
CT
46V
P12
WHT
BLK
RED
P/O 800 - 0338 ASSY
800 - 0347
P4
800 - 0357
800 - 0337 - 03
ASSY CONTROL PANEL YEL PLYR
NOTE : * PS PLUGS INTO EITHER PSA, PSB OR PSC . PSA, B & C DESIGNATORS USED FOR MASTER HARNESS CONSTRUCTION AND DOCUMENTATION PURPOSES ONLY.
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
SEE SH # 1
SD
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CONTRACT NO.
APPROVALS
DATE
DRAWN SON DUONG 1-15-82
CHECKED G. GRICE 1-19-82
Gremlin/SEGA
Top Assembly
SIZE D
700-0071
REV A
SCALE NONE
SHEET 7 OF 8
DO NOT SCALE DRAWING
APPLICATION
700 - 0071



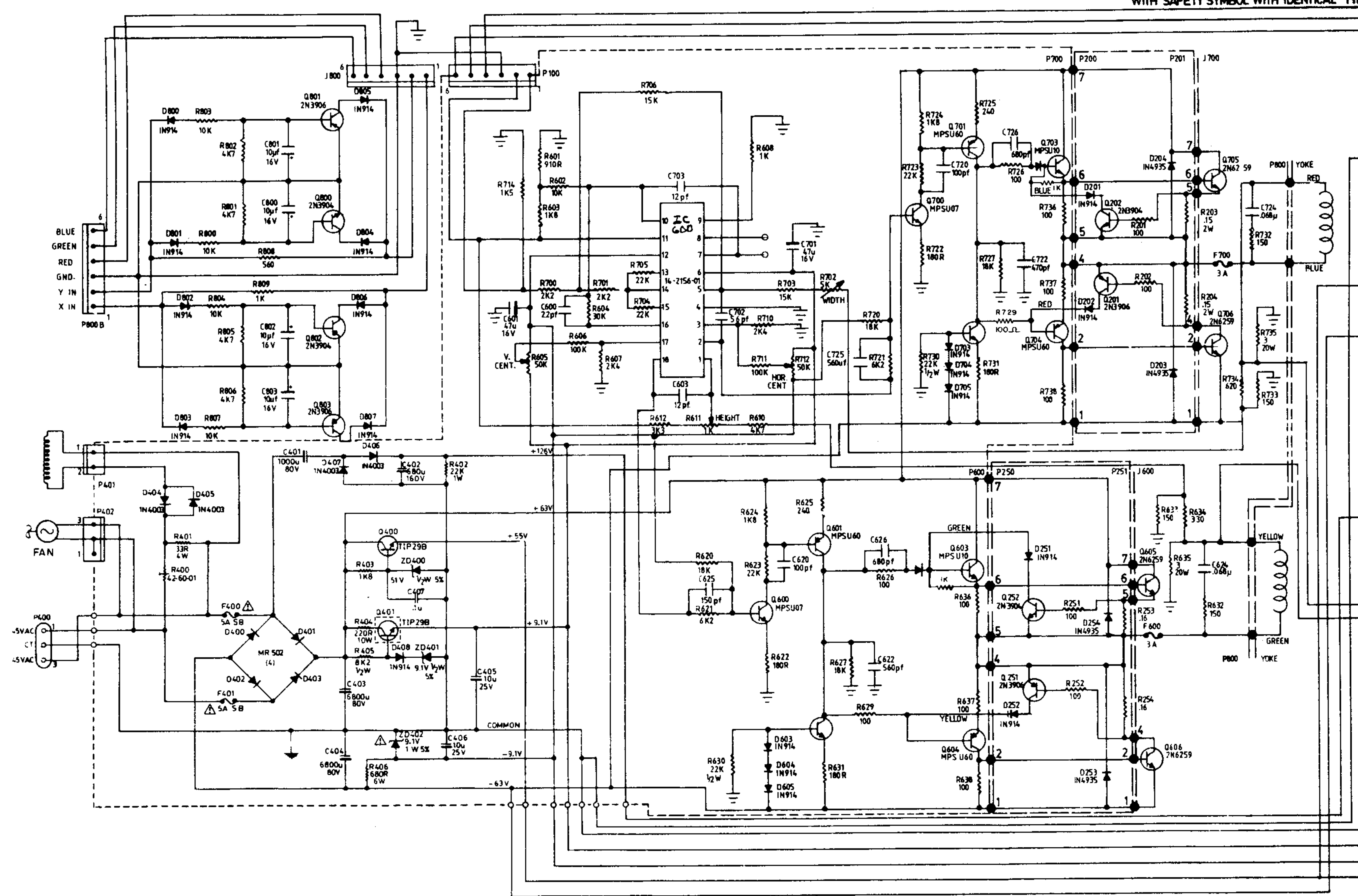
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
– SEE SH #1
800-0290 REF
800-0285 REF
800-0286 REF
800-0284 REF
EMI FILTER
ASSY AC J-BOX 800-0145-01 REF
XFMR EMI 800-0190 REF
ASSY FLUORESCENT LAMP 800-0147 REF
P16
P13
FAN AXIAL COOLING 260-0001 REF
P11
800-0322 REF
6-80 PWR SUPPLY 800-0191 REF
AC IN
DC OUT
AUDIO
OUT
IN
SEE DETAIL "ZZ" SH 6
800-0314
ASSY GAME ELECTRONICS 800-3267
2716 PROM 800-3269
X-Y CONTROL 800-0163 REF
X-Y TIMING 800-0161 REF
CPU 800-3268
SOUND 800-3270
800-0378
SEE DETAIL "YY" SH 6
800-0379
ASSY CONTROL PNL # 800-3265
P/O # 800-3265
800-0374
P1
P10
1 PLYR
2 PLYR
THRUST
FIRE
GND
CLK
+5
GND
DIR
800-0315
800-0321
800-0232 REF
P2
COIN MECH B
COIN MECH A
ASSY COIN COUNTER 800-0280 REF
MONITOR X-Y 200-0025 REF
800-0255 REF
P12
800-0302 SEE STEP 17 OF PROCEDURE
800-0282 REF
SPEAKER
800-0403 REF
VOLUME
SERVICE
RESET
ASSY VOLUME CONTROL BLOCK 800-0277 REF
P9
P3
800-0323 REF
800-0232 REF
ALTERNATE CONFIGURATION FOR TWO COIN COUNTERS
COIN COUNTER B
COIN COUNTER A
ASSY COIN COUNTER 800-0300 REF
P/O 800-0279 REF
800-0278
PARTS LIST
Gremlin/SEGA
CABINET WIRING DIAGRAM
D
700-0106
A
DO NOT SCALE DRAWING
APPLICATION

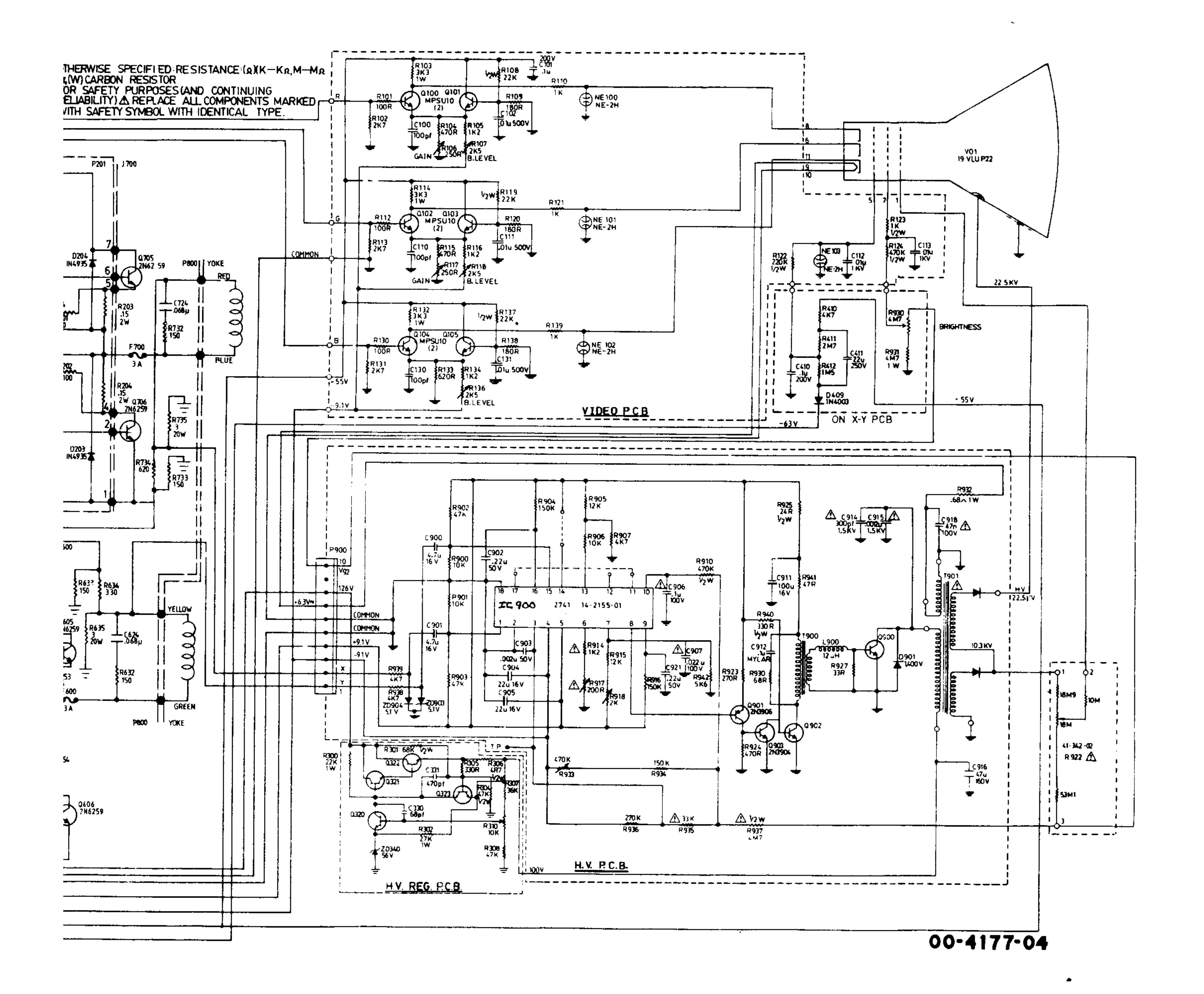

REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
A
SEE SHT 1
COMPONENT SELF ASSY 800-3364
PROM BOARD
800-3362
CPU BOARD 800-3307
ROTARY CONTROL INTRFC
800-0447
800-3366
1PLYR
WARP
PHO
FIRE
THRUST
800-3365
ROTARY CONTROL RIGHT
800-0445
FAN 260-0001
800-0446
800-0423-11
X-Y CONTROL
800-0163-01
X-Y TIMING
800-0161-01
EMI TRANSFORMER
800-0190-01
POWER SUPPLY
800-0191-02
800-0448-00
800-0449-01
800-0449-00
SPKR 8Ω
800-0314-02
SPEECH BOARD 800-3308
SOUND BOARD
800-0377-01
SWITCH INTERLOCK
800-0457
800-0458
800-0453
800-0455
X-Y MONITOR 800-0375-01
800-0444
800-0456
800-0423-12
800-0423-09
J-BOX
EMI FILTER
5A
800-0145-03
RESET
SERVICE
VOLUME
ASSY VOLUME CONTROL BLOCK
800-0454
800-0452
COIN COUNTER 800-0443
800-0450
800-0451
800-0472
COIN MECH RIGHT
COIN MECH LEFT
QTY REQD
CODE IDENT
PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION
ITEM NO.
PARTS LIST
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS
DECIMALS
ANGLES
MATERIAL
FINISH
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING
CONTRACT NO.
APPROVALS
DATE
DRAWN
CHECKED
MECH
ELEC
MFG
PROJECT
Gremlin/SEGA
STARTREK COCKPIT
Top Assembly
SIZE
CODE IDENT NO
DRAWING NO
REV
D
700-0129
A
SCALE NONE
SHEET 3 OF



Model Number G08-003

NOTES
UNLESS OTHERWISE SPECIFIED RESISTANCE (Ω)(K-
1/4(W) CARBON RESISTOR
FOR SAFETY PURPOSES(AND CONTINUING
RELIABILITY) ⚠ REPLACE ALL COMPONENTS
WITH SAFETY SYMBOL WITH IDENTICAL TY





THERWISE SPECIFIED RESISTANCE (Ω)(K–KΩ, M–MΩ
¼(W) CARBON RESISTOR
OR SAFETY PURPOSES (AND CONTINUING
ELIABILITY) ⚠ REPLACE ALL COMPONENTS MARKED
WITH SAFETY SYMBOL WITH IDENTICAL TYPE.
VIDEO P.C.B.
ON X-Y P.C.B.
H.V. P.C.B.
H.V. REG. P.C.B.
V01
19 VLU P22
BRIGHTNESS
GAIN
B.LEVEL
MPSU10
NE 100
NE-2H
NE 101
NE 102
COMMON
YOKE
RED
BLUE
YELLOW
GREEN
IC 900
2741 14-2155-01
22.5 KV
HV
10.3 KV
41-342-02
R922 ⚠
-55V
-63V
100V
00-4177-04